

# Mathematics

By a group of supervisors

FREE PART

1

CUMULATIVE & FINAL ASSESSMENTS



معاك  
Ma3akApp



SECOND TERM

4<sup>th</sup>  
PRIMARY  
2022

# Cumulative Assessments on UNIT 7

## Cumulative Assessment

**1****On lesson 1 unit 7**

### 1. Find the quotient and the remainder.

a.  $29 \div 5 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

c.  $58 \div 6 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

e.  $45 \div 7 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

g.  $72 \div 6 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

b.  $62 \div 8 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

d.  $82 \div 9 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

f.  $36 \div 4 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

h.  $96 \div 4 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

### 2. Complete.

a.  $30 \div 6 = \underline{\hspace{2cm}}$

b.  $35 \div 6 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

c. The remainder from  $78 \div 8$  is  $\underline{\hspace{2cm}}$

d. The quotient of  $22 \div 6$  is  $\underline{\hspace{2cm}}$

e.  $38 \div 6 = \underline{\hspace{2cm}} R 2$

### 3. Hany has 64 pounds , he wants to give the money to his three sons , how can he share the money equally ? What is the remainder ?

### 4. Choose the correct answer.

a.  $18 \div 5 = \underline{\hspace{2cm}}$

A. 3 R 0

B. 5 R 3

C. 3 R 3

D. 5 R 0

b.  $25 \div 4 = 6 R \underline{\hspace{2cm}}$

A. 1

B. 2

C. 3

D. 4

c.  $30 \div \underline{\hspace{2cm}} = 7 R 2$

A. 6

B. 5

C. 4

D. 7

d.  $24 \div 3 = \underline{\hspace{2cm}}$

A. 8

B. 9

C. 7 R 1

D. 6 R 2

e.  $\underline{\hspace{2cm}} \div 3 = 8 R 2$

A. 24

B. 25

C. 26

D. 27

## Cumulative Assessment

2

Till lesson 2 unit 7

## 1. Complete.

a.  $800 \div 4 =$  \_\_\_\_\_

c.  $42,000 \div 7 =$  \_\_\_\_\_

e.  $24 \text{ tens} \div 8 =$  \_\_\_\_\_

g.  $1,500 \div 3 =$  \_\_\_\_\_

b.  $9,000 \div 9 =$  \_\_\_\_\_

d.  $86 \div 7 =$  \_\_\_\_\_ R \_\_\_\_\_

f.  $4 \text{ hundreds} \div 4 =$  \_\_\_\_\_

h.  $6 \text{ ones} \div 3 =$  \_\_\_\_\_

## 2. Choose the correct answer.

a.  $480 \div$  \_\_\_\_\_  $= 80$

A. 6

B. 60

C. 7

D. 8

b.  $30,000 \div 5 =$  \_\_\_\_\_

A. 600

B. 60

C. 6

D. 6,000

c. \_\_\_\_\_ hundreds  $\div 5 = 20 \text{ tens}$

A. 1

B. 10

C. 100

D. 1000

d. \_\_\_\_\_ hundreds  $\div 4 \text{ tens} = 5 \text{ tens}$

A. 200

B. 20

C. 2

D. 2,000

## 3. There are 320 tourists want to be seated in 8 buses. How many tourists are there in each bus ?

## 4. Use the pattern and place value to find the quotient.

a.  $8 \div 4 =$  \_\_\_\_\_

$80 \div 4 =$  \_\_\_\_\_

$800 \div 4 =$  \_\_\_\_\_

$8,000 \div 4 =$  \_\_\_\_\_

b.  $15 \div 5 =$  \_\_\_\_\_

$150 \div 5 =$  \_\_\_\_\_

$1,500 \div 5 =$  \_\_\_\_\_

$15,000 \div 5 =$  \_\_\_\_\_

c.  $24 \div 6 =$  \_\_\_\_\_

$240 \div 6 =$  \_\_\_\_\_

$2,400 \div 6 =$  \_\_\_\_\_

$24,000 \div 6 =$  \_\_\_\_\_

d.  $40 \div 8 =$  \_\_\_\_\_

$400 \div 8 =$  \_\_\_\_\_

$4,000 \div 8 =$  \_\_\_\_\_

$40,000 \div 8 =$  \_\_\_\_\_



## Cumulative Assessment

3

Till lesson 3 unit 7

1. Use the area model to solve each of the following.

a.  $84 \div 3$



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b.  $75 \div 5$



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c.  $74 \div 4$



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d.  $216 \div 6$



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2. Solve :

a.  $52 \div 2 =$  \_\_\_\_\_

b.  $455 \div 4 =$  \_\_\_\_\_

c.  $3,200 \div 8 =$  \_\_\_\_\_

d.  $393 \div 3 =$  \_\_\_\_\_

3. Choose the correct answer.

a.  $95 \div 6 =$  \_\_\_\_\_

A. 15 R 5

B. 15 R 0

C. 5 R 0

D. 16 R 0

b. 21 hundreds  $\div 7 =$  \_\_\_\_\_

A. 3

B. 300

C. 30

D. 3000

c. Which choice best completes the area model to find  $148 \div 6$ ?

6	?	$6 \times 4 = 24$
		4 R4

A.  $6 \times 2 = 12$

B.  $20 + 4 + 2 = 26$

C.  $20 + 4 = 24$

D.  $6 \times 20 = 120$

d.  $147 \div 7 =$  \_\_\_\_\_

A. 22

B. 21

C. 24

D. 17



## Cumulative Assessment

4

**Till lesson 4 unit 7**

**1. Divide using partial quotient algorithm.**

a.  $89 \div 3$



b.  $628 \div 4$

[illegible]

c.  $2,374 \div 6$

1

**2. Divide using standard division algorithm.**

a.  $835 \div 5$

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**b.**  $4,258 \div 7$

6  
 7  
 8  
 9  
 10  
 11  
 12

c.  $6,660 \div 9$

### 3. Complete.

a. \_\_\_\_\_  $\div 3 = 54$

c.  $736 \div 4 =$  \_\_\_\_\_

e. \_\_\_\_\_  $\div 3 = 500$

b.  $1,342 \div 8 = \underline{\hspace{2cm}} R \underline{\hspace{2cm}}$

d.  $0 \div 125 = \underline{\hspace{2cm}}$

f.  $92 \div 10 = \underline{\hspace{2cm}} \text{ R } \underline{\hspace{2cm}}$

**4. Put (✓) to the correct answer and (X) to the incorrect answer.**

a.  $874 \div 3$  is closer to 400.

**b.**  $183 \div 5$  is closer to 40.

c.  $60 \text{ tens} \div 6 = 1 \text{ hundred.}$

d. The Remainder of  $26 \div 3$  is zero.

e.  $2,700 \div 7 = 3,000$ .

c.  $1,384 \div 6 = 23 \text{ R } 4$ .

( )

( )

( )

( )

( )

( )



## Cumulative Assessment

5

Till lesson 5 unit 7

## 1. Choose the correct answer.

- a. If  $73 \times 8 = 584$ , then  $584 \div 8 =$  \_\_\_\_\_  
 A. 78                      B. 73                      C. 83                      D. 87
- b. In the problem  $3,467 \div 5$ , the quotient is between \_\_\_\_\_ and \_\_\_\_\_  
 A. 400, 500              B. 300, 400              C. 600, 800              D. 1,000, 2,000
- c.  $48 \div 7 = 6$  and R \_\_\_\_\_  
 A. 6                      B. 7                      C. 5                      D. 4
- d.  $4,120 \div 4 =$  \_\_\_\_\_  
 A. 1,300                  B. 1,003                  C. 1,030                  D. 103
- e.  $9,342 \div 3$  is closer to \_\_\_\_\_  
 A. 2,000                  B. 4,000                  C. 3,000                  D. 5,000

## 2. Complete.

- a. The division problem for  $281 \times 6 = 1,686$  is \_\_\_\_\_
- b.  $922 \div 3 =$  \_\_\_\_\_ R \_\_\_\_\_
- c. 25 hundreds  $\div 5 =$  \_\_\_\_\_ tens
- d.  $3,264 \div 3 =$  \_\_\_\_\_
- e. If  $641 \times 7 = 4,487$ , then  $4,487 \div 7 =$  \_\_\_\_\_
- f. In the problem  $1,866 \div 6$ , the quotient is between \_\_\_\_\_ and \_\_\_\_\_

## 3. Amal has 358 L.E. She divided the money between her 2 children, what is the share of each one?

## 4. Write the division problem that matches the multiplication problem.

a.  $53 \times 6 = 318$

$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$

b.  $42 \times 7 = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$

# Cumulative Assessments on UNIT 8

## Cumulative Assessment

6

Till lesson 1 unit 8

1. Put (✓) to the correct answer and (X) to the incorrect answer.

- |   |     |
|---|-----|
| a. $2,352 \div 5 = 47 \text{ R } 2$                         | ( ) |
| b. The quotient of $4 \overline{)283}$ is $70 \text{ R } 3$ | ( ) |
| c. $7,000 - 3,499 = 3,501$                                  | ( ) |
| d. $62 \times 18 = 1,116$                                   | ( ) |
| e. $1,432 + 6,268 = 7,700$                                  | ( ) |

2. Choose the correct answer.

- |                                     |           |           |               |           |
|-------------------------------------|-----------|-----------|---------------|-----------|
| a. $80,000 - 55,555 =$ _____        | A. 24,445 | B. 24,454 | C. 25,444     | D. 24,444 |
| b. $34,208 + 17,643 =$ _____        | A. 51,581 | B. 51,185 | C. 51,851     | D. 51,518 |
| c. $28 \text{ tens} \div 4 =$ _____ | A. 7      | B. 7,000  | C. 7 hundreds | D. 7 tens |
| d. $57 \div 8 =$ _____ R 1          | A. 5      | B. 6      | C. 7          | D. 8      |
| e. $180 \div 3 =$ _____ tens        | A. 60     | B. 6      | C. 30         | D. 3      |

3. Complete.

- |                           |   |
|---------------------------|---|
| a. $5,264 \div 6 =$ _____ | b. $5 \times 472 =$ _____                             |
| c. $39 \times 18 =$ _____ | d. $647,289 - 493,522 =$ _____                        |
| e. $324 \div 1 =$ _____   | f. $10 \text{ hundreds} \div 10 \text{ tens} =$ _____ |
| g. $1,250 \div 5 =$ _____ | h. $175,316 + 509,772 =$ _____                        |

4. Write (< , > or =).

- |                                    |                                  |
|------------------------------------|----------------------------------|
| a. $1,736 \div 4$ ○ $1,736 \div 7$ | b. $738 \div 3$ ○ 216            |
| c. $325 \div 1$ ○ $3,251 \div 1$   | d. $48 \text{ ten} \div 6$ ○ 800 |



Cumulative Assessment

7

Till lesson 2 unit 8

1. Find the value of each of the following.

a.  $6 + 3 \times 4 - 5 =$  \_\_\_\_\_

c.  $80 \div 8 - 7 =$  \_\_\_\_\_

e.  $3 + 9 \div 3 =$  \_\_\_\_\_

b.  $8 + [12 - 5] \times 3 =$  \_\_\_\_\_

d.  $3,602 \div 4 =$  \_\_\_\_\_

f.  $4 \times 6 \div 8 + 7 =$  \_\_\_\_\_

2. Complete.

a.  $36 - [4 + 2] \times 5 =$  \_\_\_\_\_

c.  $3 + 15 \div 3 + 5 =$  \_\_\_\_\_

e.  $10 \times 3 + 15 \div 5 =$  \_\_\_\_\_

f.  $3 \times 6 - [2 + 4] \div 2 =$  \_\_\_\_\_

b.  $[30 - 6] \div 3 =$  \_\_\_\_\_

d.  $13 + [36 \div 4] =$  \_\_\_\_\_

3. Choose the correct answer.

a.  $30 \div 6 + 9 - 4 =$  \_\_\_\_\_

A. 15

B. 12

C. 10

D. 9

b.  $4 + 2 \times [10 - 4] =$  \_\_\_\_\_

A. 16

B. 12

C. 4

D. 8

c.  $51 + 17 + 69 + 63 =$  \_\_\_\_\_

A. 180

B. 200

C. 190

D. 220

d.  $3 \times 9 - [10 - 3] \times 2 =$  \_\_\_\_\_

A. 27

B. 30

C. 15

D. 13

e.  $30 \div 6 + 4 - 2 \times 3 =$  \_\_\_\_\_

A. 3

B. 6

C. 9

D. 40

f. Which is the first step in evaluating  $18 - 15 + 3 \times 8 - 2$ ?

A.  $18 - 15$

B.  $3 \times 8$

C.  $15 + 3$

D.  $8 - 2$

4. A group of 330 tourists wants to travel to Luxor , 154 tourists will take the train , the rest will take minibuses , each minibus holds 8 seats.  
How many minibuses will be needed ?



# Cumulative Assessments on UNIT 9

## Cumulative Assessment

8

Till lesson 1 unit 9

### 1. Choose the correct answer.

a.  $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} =$  \_\_\_\_\_

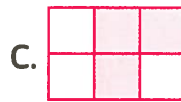
A.  $\frac{2}{7}$

B.  $\frac{3}{7}$

C.  $\frac{4}{7}$

D.  $\frac{5}{7}$

b. The model which represents  $\frac{3}{4}$  is \_\_\_\_\_



c.  $4 + 5 \times 2 =$  \_\_\_\_\_

A. 14

B. 18

C. 20

D. 24

d.  $1 =$  \_\_\_\_\_

A.  $\frac{5}{7}$

B.  $\frac{7}{7}$

C.  $\frac{1}{2}$

D.  $\frac{1}{10}$

### 2. Put (✓) to the correct statement and (X) to the incorrect statement.

a. Two fifth =  $\frac{2}{5} + \frac{2}{5}$

( )

b.  $31 \div 5 = 6 \text{ R } 2$

( )

c.  $[3 + 4] \times 3 = 21$

( )

d.  $\frac{5}{9} = \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$

( )

### 3. Decompose the following proper fractions in two ways.

a.  $\frac{3}{4}$

First way

$\frac{3}{4} =$  \_\_\_\_\_

Second way

$\frac{3}{4} =$  \_\_\_\_\_

b.  $\frac{4}{5}$

$\frac{4}{5} =$  \_\_\_\_\_

$\frac{4}{5} =$  \_\_\_\_\_

### 4. There are 288 tourists divided into equal groups. If each group has 8 tourists , how many groups will there be ?



Cumulative Assessment

9

Till lesson 2 unit 9

1. Choose the correct answer.

a. Which of the following is a mixed number? \_\_\_\_\_

A.  $\frac{3}{5}$

B.  $\frac{4}{3}$

C.  $3\frac{1}{2}$

D.  $\frac{1}{4}$

b.  $7\frac{1}{5} =$  \_\_\_\_\_

A.  $\frac{36}{5}$

B.  $\frac{35}{3}$

C.  $\frac{13}{5}$

D.  $\frac{35}{7}$

c.  $34 \div 7 =$  \_\_\_\_\_

A. 4

B. 4 R 5

C. 4 R 6

D. 5 R 1

d. Which of the following has the same value as  $\frac{5}{7}$ ? \_\_\_\_\_

A.  $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

B.  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

C.  $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

D.  $\frac{1}{7} + \frac{2}{7} + \frac{3}{7} + \frac{4}{7} + \frac{5}{7}$

e.  $5,600 \div 7 =$  \_\_\_\_\_

A. 800

B. 80

C. 8,000

D. 808

f. If  $96 \times 7 = 672$ , then  $672 \div 7 =$  \_\_\_\_\_

A. 960

B. 69

C. 906

D. 96

2. Write each mixed number as an improper fraction.

a.  $5\frac{7}{8}$

b.  $3\frac{2}{7}$

c.  $2\frac{5}{9}$

3. Write each improper fraction as a mixed number.

a.  $\frac{7}{3}$

b.  $\frac{18}{5}$

c.  $\frac{27}{4}$

4. Match.

a.

$\frac{2}{5} + \frac{1}{5}$

b.

$2\frac{1}{5}$

c.

$\frac{9}{9}$

d.

$[7 + 1] \div 8 - 1$

1.

$\frac{5}{5}$

2.

0

3.

$\frac{3}{5}$

4.

$\frac{11}{5}$



## Cumulative Assessment

10

Till lesson 3 unit 9

1. Solve each of the following. You may draw models to help.

a.  $4\frac{2}{5} + 3\frac{3}{5}$

b.  $4\frac{4}{7} - 2\frac{2}{7}$

c.  $4 - 2\frac{1}{4}$

d.  $1 + 2 + \frac{3}{8} + \frac{4}{8} + \frac{3}{8}$

e.  $1 - \frac{2}{9} - \frac{4}{9}$

f.  $\frac{4}{5} + 2\frac{1}{5}$

2. Complete.

a.  $7\frac{5}{7} - \underline{\hspace{2cm}} = 3\frac{1}{7}$

b.  $\underline{\hspace{2cm}} - 4\frac{1}{3} = 3\frac{2}{3}$

c.  $8\frac{5}{6} + \underline{\hspace{2cm}} = 9$

d.  $1 = \underline{\hspace{2cm}}$

e.  $\frac{8}{\underline{\hspace{1cm}}} = 2$

f.  $4\frac{2}{3} = \underline{\hspace{2cm}}$

3. a. Find the quotient.

1.  $6400 \div 8$

2.  $3168 \div 6$

b. Solve the problem. show your work.

1.  $73 - 50 + 15 \div 5$

2.  $24 + [8 - 5] \times 6$

4. Petra has  $5\frac{3}{4}$  cakes, she gave  $3\frac{1}{4}$  to her brother. How many cakes left does she has?

5. Put (✓) to the correct statement and (X) to the incorrect statement.

a.  $25 + 25 + 25 - 14 = 25 \times 25 \times 25 - 14$

( )

b.  $4 - \frac{1}{6} = 3\frac{5}{6}$

( )

c.  $\frac{8}{3} = 2\frac{2}{3}$

( )

d.  $\frac{5}{9} = \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$

( )

e.  $127 \div 6 = 21 \text{ R } 1$

( )

f.  $320 \div 1 = 40 \times 8$

( )



Cumulative Assessment

11

Till lesson 4 unit 9

1. Compare. Write ( $>$ ,  $<$  or  $=$ ).

a.  $\frac{3}{7}$    $\frac{3}{8}$

c.  $\frac{7}{9}$    $\frac{1}{9}$

e.  $\frac{4}{11}$    $\frac{4}{7}$

g.  $\frac{2}{9}$    $\frac{2}{5}$

b.  $\frac{5}{8}$    $\frac{7}{8}$

d.  $\frac{5}{7}$    $\frac{3}{7}$

f.  $\frac{2}{5}$    $\frac{1}{5}$

h.  $\frac{2}{3}$   1

2. Choose the correct answer.

a.  $20 - 5 \times 3 =$  \_\_\_\_\_

A. 45

B. 10

C. 5

D. 25

b.  $\frac{3}{8} >$  \_\_\_\_\_

A.  $\frac{5}{8}$

B.  $\frac{3}{7}$

C.  $\frac{3}{9}$

D.  $\frac{7}{8}$

c.  $3\frac{1}{4} =$  \_\_\_\_\_ [as an improper fraction]

A.  $\frac{13}{3}$

B.  $\frac{13}{4}$

C.  $\frac{12}{4}$

D.  $\frac{8}{4}$

d. \_\_\_\_\_  $< \frac{5}{9}$

A.  $\frac{5}{8}$

B.  $\frac{5}{7}$

C.  $\frac{6}{9}$

D.  $\frac{5}{10}$

e.  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$  \_\_\_\_\_

A.  $\frac{3}{5}$

B.  $\frac{3}{15}$

C.  $\frac{1}{15}$

D.  $\frac{3}{25}$

3. a. Order the following fractions in an ascending order.

$\frac{7}{10}$ ,  $\frac{3}{10}$ ,  $\frac{1}{10}$ ,  $\frac{9}{10}$ ,  $\frac{6}{10}$

b. Order the following fractions in a descending order.

$\frac{11}{7}$ ,  $\frac{11}{3}$ ,  $\frac{11}{5}$ ,  $\frac{11}{8}$ ,  $\frac{11}{4}$

4. Solve the problems.

a.  $17 \times 32$

b.  $7.485 + 2.721$

c.  $\frac{3}{9} + \frac{6}{9}$

d.  $281 \div 3$



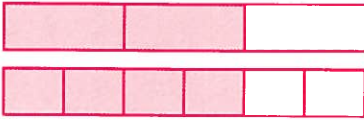
## Cumulative Assessment

12

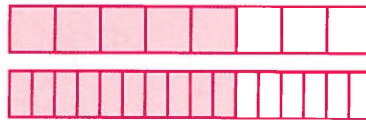
Till lesson 5 unit 9

## 1. Write the missing numerator or denominator.

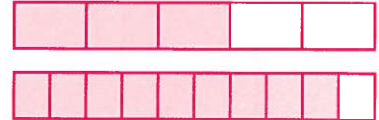
a.  $\frac{2}{3} = \frac{\square}{6}$



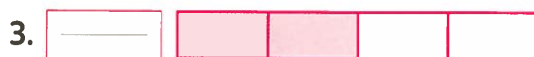
b.  $\frac{5}{8} = \frac{10}{\square}$



c.  $\frac{3}{5} = \frac{\square}{15}$



## 2. Write each fraction which represent the colored part, then match the equivalent fraction.



## 3. Choose the correct answer.

a.  $7 \times 8 + 1 \times 5 = \underline{\hspace{2cm}}$

A. 56

B. 60

C. 61

D. 285

b.  $\frac{3}{\hspace{1cm}} = 1$

A. 1

B. 2

C. 3

D. 10

c.  $\frac{19}{4} = \underline{\hspace{2cm}}$  [as a mixed number]

A.  $4\frac{3}{4}$ B.  $4\frac{1}{4}$ C.  $5\frac{1}{4}$ D.  $3\frac{3}{4}$ 

d.  $3 + \frac{2}{7} + 5 + \frac{2}{7} = \underline{\hspace{2cm}}$

A.  $8\frac{2}{7}$ B.  $8\frac{2}{14}$ C.  $8\frac{4}{7}$ D.  $8\frac{5}{7}$ 4. Sara ate  $1\frac{1}{3}$  of the chocolate cake and her brother Adel ate  $\frac{4}{3}$  of cake of the same size.

Draw and color a model to each one of them.

then show who ate more of cake Sara or Adel ?



Cumulative Assessment

13

Till lesson 6 unit 9

1. Write ( $<$ ,  $>$  or  $=$ ). (using benchmark fractions)

a.  $\frac{7}{8}$    $\frac{1}{2}$

b.  $\frac{3}{4}$   1

c.  $\frac{3}{5}$    $\frac{3}{9}$

d.  $1\frac{1}{2}$   1

e.  $\frac{5}{6}$    $\frac{1}{8}$

f.  $\frac{5}{10}$    $\frac{7}{12}$

2. Find the result of each of the following.

a.  $455 \div 4$

b.  $7,848 - 298$

c.  $25 + 4 \times 2$

d.  $5 - 2\frac{3}{4}$

e.  $7\frac{2}{7} + \frac{4}{7}$

f.  $81 \times 17$

3. Write whether the fraction is closest to 0,  $\frac{1}{2}$  or 1 (use the number line.)

a.  $\frac{3}{10}$

b.  $\frac{9}{10}$

c.  $\frac{1}{10}$

d.  $\frac{6}{10}$



4. Use benchmark fractions 0,  $\frac{1}{2}$  and 1 to order each group of fractions.

a.  $\frac{1}{7}, \frac{8}{8}, \frac{5}{6}$

[from the least to the greatest]

b.  $\frac{5}{6}, \frac{1}{9}, \frac{7}{7}, \frac{5}{10}$

[from the greatest to the least]

5. Put ( $\checkmark$ ) to the correct statement and ( $\times$ ) to the incorrect statement.

a.  $\frac{6}{10} > \frac{7}{8}$

( )

b.  $\frac{3}{4} < \frac{1}{2}$

( )

c.  $30 \div 4 = 7 \text{ R } 2$

( )

d.  $\frac{31}{10} = 1\frac{3}{10}$

( )

e.  $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{3}{8}$

( )

e.  $18 \text{ hundreds} \div 6 = 8 \text{ tens}$

( )



## Cumulative Assessment

14

Till lesson 7 unit 9

## 1. Write three equivalent fractions to each fraction.

a.  $\frac{2}{3} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

b.  $\frac{5}{10} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

c.  $\frac{6}{18} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

d.  $\frac{4}{7} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

e.  $\frac{1}{5} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

f.  $\frac{12}{20} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

## 2. Choose the correct answer.

a.  $\frac{5}{7} < \underline{\hspace{1cm}}$

A. 1

B.  $\frac{3}{7}$ C.  $\frac{1}{2}$ D.  $\frac{1}{9}$ 

b.  $\frac{3}{9} + \frac{1}{9} + 2 = \underline{\hspace{1cm}}$

A.  $2\frac{4}{9}$ B.  $2\frac{4}{18}$ C.  $\frac{6}{9}$ D.  $2\frac{3}{9}$ 

c.  $5\frac{1}{4} = \underline{\hspace{1cm}}$

A.  $\frac{20}{4}$ B.  $\frac{22}{4}$ C.  $\frac{21}{4}$ D.  $\frac{19}{4}$ 

d.  $5 - 2\frac{1}{5} = \underline{\hspace{1cm}}$

A.  $2\frac{1}{5}$ B.  $3\frac{1}{5}$ C.  $2\frac{4}{5}$ D.  $2\frac{3}{5}$ 

e.  $\frac{3}{7}$  is equivalent to  $\underline{\hspace{1cm}}$

A.  $\frac{6}{21}$ B.  $\frac{9}{14}$ C.  $\frac{9}{21}$ D.  $\frac{9}{28}$ 

## 3. Put (✓) for the correct statement and (X) for the incorrect statement.

a. 1 is the identity element in the multiplication operation.

( )

b. The two fraction  $\frac{3}{4}$  and  $\frac{21}{28}$  are not equivalent.

( )

c.  $47 \div 3 = 15 \text{ R } 1$ 

( )

d.  $8 + 2 \times 9 = 26$ 

( )

4. Ahmed have 12 cakes.  $\frac{3}{4}$  of them are choclete.

How many choclate cake are there.



Cumulative Assessment

15

Till lesson 8 unit 9

1. Choose the correct answer.

a.  $7 \times \frac{1}{4} =$  \_\_\_\_\_

A.  $\frac{7}{4}$

B.  $\frac{7}{28}$

C.  $\frac{1}{28}$

D.  $7\frac{1}{4}$

b.  $46 \div 8 =$  \_\_\_\_\_

A. 4 R 6

B. 6 R 2

C. 5 R 6

D. 7 R 2

c.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$  \_\_\_\_\_

A.  $\frac{5}{3}$

B.  $\frac{1}{3} \times 4$

C.  $\frac{4}{12}$

D.  $\frac{1}{12}$

d.  $1 + \frac{2}{7} + \frac{1}{7} + 3 =$  \_\_\_\_\_

A.  $\frac{7}{7}$

B.  $\frac{6}{7}$

C.  $7\frac{3}{7}$

D.  $4\frac{3}{7}$

2. Complete.

a.  $\frac{43}{5} =$  \_\_\_\_\_ [as a mixed number]

b.  $7\frac{2}{5} - 1\frac{1}{5} =$  \_\_\_\_\_

c.  $\frac{5}{9} = \frac{\quad}{27}$

d.  $7 + 5 \times 2 - 1 =$  \_\_\_\_\_

3. Compare the following using ( $>$ ,  $<$  or  $=$ ).

a.  $6 \times \frac{1}{4}$    $\frac{2}{4} + \frac{3}{4}$

b.  $7 \times [5 - 2]$    $1 + 4 \times 5$

c.  $\frac{13}{7}$    $\frac{11}{7}$

d.  $\frac{1}{2}$    $2 \times \frac{1}{7}$

4. How many  $\frac{1}{7}$  long wooden pegs can be cut from a plank that is  $\frac{6}{7}$  m long?

\_\_\_\_\_

5. Write the multiplication sentence for each of the following.

a.  $\frac{1}{4} + \frac{1}{4}$  \_\_\_\_\_

b.  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$  \_\_\_\_\_

c.  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9}$  \_\_\_\_\_

d.  $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$  \_\_\_\_\_

a.  $1\frac{4}{7} + 5\frac{2}{7} = \underline{\hspace{2cm}}$

A.  $6\frac{6}{14}$

B.  $6\frac{8}{7}$

C.  $6\frac{6}{7}$

D.  $7\frac{6}{7}$

b.  $\frac{13}{7}$    $\frac{13}{5}$

A. >

B.  $<$

C. =

c. \_\_\_\_\_  $\div 8 = 30$

A. 24

B. 240

C. 110

D. 11

d.  $125 + 498 = \underline{\hspace{2cm}}$

A. 613

B. 473

C. 373

D. 623

e.  $\frac{3}{4} = \underline{\hspace{2cm}}$

A.  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

B.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

C.  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

D.  $\frac{3}{4} + \frac{3}{4} + \frac{3}{4}$

## 2. Complete.

a.  $3\frac{1}{8} + \underline{\hspace{2cm}} = 7\frac{5}{8}$

b.  $3\frac{2}{5} = \underline{\hspace{2cm}}$  [as an improper fraction]

c.  $7 \times \frac{1}{9} = \underline{\hspace{2cm}}$

d.  $\frac{7}{8} = \frac{21}{\underline{\hspace{1cm}}}$

e.  $\frac{2}{7} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3. Rania lost  $\frac{1}{10}$  of the marbles while she is on the court. She lost another  $\frac{8}{10}$  on her way to home.

What is the proper fraction that represents the marbles lost from her?

4. Ahmed has a homework consisting of eight problems. He finished solving  $\frac{1}{8}$  of it before returning home. When he came home, he completed  $\frac{5}{8}$  of it. What fraction represents the remainder of the homework ?

# Cumulative Assessments on UNIT 10

## Cumulative Assessment

**17**

Till lesson 1 unit 10

1. Write each of the following as a decimal.

a.  $\frac{8}{100} =$  \_\_\_\_\_

b.  $\frac{3}{10} =$  \_\_\_\_\_

c.  $\frac{15}{100} =$  \_\_\_\_\_

d.  $\frac{35}{100} =$  \_\_\_\_\_

e.  $\frac{1}{100} =$  \_\_\_\_\_

f.  $\frac{7}{10} =$  \_\_\_\_\_

2. Write each of the following as a fraction.

a.  $0.8 =$  \_\_\_\_\_

b.  $0.09 =$  \_\_\_\_\_

c.  $0.18 =$  \_\_\_\_\_

d.  $0.74 =$  \_\_\_\_\_

e.  $0.4 =$  \_\_\_\_\_

f.  $0.06 =$  \_\_\_\_\_

3. Put (✓) to the correct statement and (X) to the incorrect statement.

a.  $7 \times [5 - 2] = 21$

( )

b.  $0.2 = \frac{2}{100}$

( )

c.  $\frac{3}{5} + \frac{1}{5} = \frac{4}{10}$

( )

d.  $7 \times \frac{1}{10} = \frac{7}{10}$

( )

e.  $0.06 = 0.6$

( )

4. Complete.

a.  $\frac{42}{8} =$  \_\_\_\_\_ [as a mixed number]

b. \_\_\_\_\_  $- 1\frac{2}{5} = 3\frac{1}{5}$

c.  $2\frac{3}{4} - \frac{1}{4} =$  \_\_\_\_\_

d.  $\frac{5}{5} = \frac{\quad}{9}$

e.  $4 \times 6 + 5 \times 3 =$  \_\_\_\_\_

5. Ahmed placed 24 paints equally on 8 tables. How many paints were placed on each table ?



1. Write the value and the place value of the circled digit in each of the following.

a. 7.45 \_\_\_\_\_ , \_\_\_\_\_

b. 13.73 \_\_\_\_\_ , \_\_\_\_\_

c. 451.7 \_\_\_\_\_ , \_\_\_\_\_

d. 202.94 \_\_\_\_\_ , \_\_\_\_\_

2. Write in word form.

a. 7.18 \_\_\_\_\_

b.  $1 + 0.7 + 0.03$  \_\_\_\_\_

c. 6 ones and 2 hundredths \_\_\_\_\_

3. Write in standard form.

a.  $5 + 0.6 + 0.02$  \_\_\_\_\_

b. Seven and eight hundredths \_\_\_\_\_

c. 4 Ones , 7 Tenths and 4 Hundredths \_\_\_\_\_

4. Put (✓) to the correct statement and (X) to the incorrect statement.

a. The place value of the digit 8 in the number 19.28 is Hundredths. ( )

b.  $\frac{3}{6} = \frac{5}{20}$  ( )

c.  $\frac{5}{3} > \frac{5}{6}$  ( )

d.  $3 \times \frac{1}{5} = \frac{3}{15}$  ( )

e.  $89 + 2 - 4 \times 3 = 261$  ( )

f.  $\frac{1}{100} = 0.01$  ( )

5. Find the result of each of the following.

a.  $\frac{4}{9} + \frac{1}{9} + 1 + \frac{2}{9} =$  \_\_\_\_\_

b.  $7,851 - 475 =$  \_\_\_\_\_

c.  $525 \div 3 =$  \_\_\_\_\_

d.  $4,789 + 9,321 =$  \_\_\_\_\_

## Cumulative Assessment

19

Till lesson 3 unit 10

1. Write each of the following in a fraction form.

a.  $1.7 =$  \_\_\_\_\_

b.  $5.24 =$  \_\_\_\_\_

c.  $11.87 =$  \_\_\_\_\_

d.  $2.05 =$  \_\_\_\_\_

e.  $14.9 =$  \_\_\_\_\_

f.  $20.23 =$  \_\_\_\_\_

2. Complete.

a.  $2 =$  \_\_\_\_\_ Tenths

b.  $3.7 =$  \_\_\_\_\_ Hundredths

c.  $10.4 =$  \_\_\_\_\_ Hundredths.

d. \_\_\_\_\_ = 79 Tenths

e. 420 Hundredths = \_\_\_\_\_

f.  $\frac{735}{100} =$  \_\_\_\_\_ Hundredths

3. Match.

a.  $3\frac{8}{10}$

1.  $3 + 0.08$

b.  $2\frac{1}{5} + 1\frac{2}{5}$

2. 0.38

c. 3.08

3. 6

d. 38 Hundredths

4.  $3\frac{3}{5}$

e.  $4 + 8 \div 4$

5. three and eight tenths

4. Write the fractions :  $\frac{5}{10}$  ,  $\frac{5}{12}$  ,  $\frac{5}{11}$  ,  $\frac{5}{15}$  ,  $\frac{5}{7}$  in an ascending order.

5. Mervat has a brother of height  $70\frac{2}{10}$  cm.

- Express the height in the form of a decimal.
- How can you rewrite  $70\frac{2}{10}$  cm using tenths only ?

## Cumulative Assessment

20

Till lesson 4 unit 10

## 1. Write an equivalent fraction for each.

a.  $\frac{3}{10} = \underline{\hspace{2cm}}$

b.  $\frac{70}{100} = \underline{\hspace{2cm}}$

c.  $\frac{5}{10} = \underline{\hspace{2cm}}$

d.  $\frac{90}{100} = \underline{\hspace{2cm}}$

e.  $\frac{8}{10} = \underline{\hspace{2cm}}$

f.  $\frac{10}{100} = \underline{\hspace{2cm}}$

## 2. Choose the correct answer.

a.  $\frac{7}{9} + \frac{2}{9} = \underline{\hspace{2cm}}$

A. 1

B.  $\frac{9}{18}$ C.  $\frac{1}{2}$ D.  $\frac{5}{9}$ 

b.  $6 \times [2 - 1] = \underline{\hspace{2cm}}$

A. 2

B. 11

C. 7

D. 6

c. 7 Tenths is equivalent to  $\underline{\hspace{2cm}}$

A. 0.70

B.  $\frac{7}{100}$ 

C. 0.07

D.  $\frac{77}{100}$ 

d. Which of the following is not equivalent to  $1\frac{3}{10}$ ?

A. 1.3

B. 1.30

C. 1.03

D.  $1\frac{30}{100}$ 

e.  $3\frac{2}{7} = \underline{\hspace{2cm}}$  [as an improper fraction]

A.  $\frac{42}{7}$ B.  $\frac{21}{3}$ C.  $\frac{13}{7}$ D.  $\frac{23}{7}$ 

## 3. Complete.

a.  $7\frac{2}{9} + \underline{\hspace{2cm}} = 8\frac{1}{9}$

b.  $2.19 = \underline{\hspace{2cm}}$  Hundredths.

c.  $\frac{3}{8} = \frac{18}{\underline{\hspace{2cm}}}$

d.  $77 \div 8 = \underline{\hspace{2cm}}$

e.  $\frac{3}{10}$  is equivalent to  $\underline{\hspace{2cm}}$

## 4. Write in expanded form each of the following.

a. 3.79  $\underline{\hspace{2cm}}$

b. Six and four hundredths  $\underline{\hspace{2cm}}$

c. 4 Ones, 8 Tenths and 9 Hundredths  $\underline{\hspace{2cm}}$

## Cumulative Assessment

21

Till lesson 5 unit 10

1. Use ( $>$  ,  $<$  or  $=$ ) to compare.

a.  $0.3$    $0.25$

b.  $0.18$    $0.8$

c.  $0.51$    $0.15$

d.  $\frac{7}{10}$    $0.64$

e. 3 Tenths   $0.3$

f. 2 Hundredths   $0.2$

g.  $0.24$   24 Tenths

h. 2 Ones and 3 Tenths   $2.29$

2. Put ( $\checkmark$ ) to the correct statement and ( $\times$ ) to the incorrect statement.

a.  $7.29 < 7.5$  ( )

b.  $5.03 < 5 + 0.3$  ( )

c.  $24 \div 7 = 3 \text{ R } 3$  ( )

d.  $\frac{7}{100} = 0.7$  ( )

e.  $5 \times \frac{1}{4} = \frac{5}{20}$  ( )

f.  $\frac{3}{4} > \frac{3}{5}$  ( )

3. A rectangle of length  $7\frac{1}{6}$  cm and width  $2\frac{1}{6}$  cm Calculate its perimeter.4. Nermine ate 0.7 of her food. Her brother at  $\frac{3}{10}$  of his food. Who ate more ?

5. Join.

a. Three and twenty-two hundredths •

1. •  $3\frac{2}{11}$

b. 3.7 is equivalent to •

2. •  $0.22$

c.  $2\frac{1}{11} + 1\frac{1}{11}$  •

3. •  $3\frac{70}{100}$

d. 22 hundredths = — •

4. •  $3.22$

## 1. Find the result.

a.  $2\frac{5}{10} + 3\frac{21}{100} =$  \_\_\_\_\_

c.  $2\frac{3}{5} + 7\frac{1}{5} =$  \_\_\_\_\_

e.  $8,782 + 5,475 =$  \_\_\_\_\_

b.  $\frac{2}{10} + \frac{21}{100} + 2\frac{5}{10} =$  \_\_\_\_\_

d.  $\frac{32}{100} + \frac{24}{100} + \frac{7}{10} =$  \_\_\_\_\_

f.  $261 \div 4 =$  \_\_\_\_\_

## 2. Complete.

a.  $\frac{40}{100} = \frac{\quad}{10}$

c.  $\frac{9}{\quad} = 1$

e.  $8\frac{7}{9} - \text{_____} = 2\frac{1}{9}$

b.  $7.27 =$  \_\_\_\_\_ [in word form]

d.  $2 - \frac{1}{3} =$  \_\_\_\_\_

f. The place value of the digit 7 in the number 13.57 is \_\_\_\_\_

## 3. Choose the correct answer.

a.  $\frac{7}{10} + \frac{2}{10} = \frac{\quad}{100}$

A. 9

B. 90

C. 5

D. 50

b.  $\frac{3}{10} + \frac{7}{10} =$  \_\_\_\_\_

A.  $\frac{10}{100}$ B.  $\frac{1}{10}$ 

C. 10

D. 1

c.  $\frac{7}{8} >$  \_\_\_\_\_

A.  $\frac{8}{8}$ B.  $\frac{1}{2}$ C.  $1\frac{1}{4}$ D.  $\frac{7}{10}$ 

d.  $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$  \_\_\_\_\_

A.  $\frac{5}{8}$ B.  $\frac{5}{40}$ C.  $\frac{6}{8}$ D.  $\frac{1}{40}$ 

e.  $3 \times 6 \div 9 =$  \_\_\_\_\_

A. 1

B. 2

C.  $3\frac{1}{3}$ D.  $3\frac{2}{3}$ 

4. Amany has  $\frac{7}{10}$  meter of cloth, she went to shop and bought  $\frac{35}{100}$  meter cloth.  
How much cloth Amany has now ?



# Cumulative Assessments on UNIT 11

Cumulative Assessment

23

Till lesson 1 unit 11

## 1. Choose the correct answer.

a. The opposite graph shows \_\_\_\_\_

- A. pictograph.
- B. line plot.
- C. bar graph.
- D. double bar graph.

b.  $\frac{3}{100} =$  \_\_\_\_\_

- A. 0.3
- B. 0.03
- C. 3
- D. 30

c.  $3\frac{1}{3} + 1\frac{1}{3} =$  \_\_\_\_\_

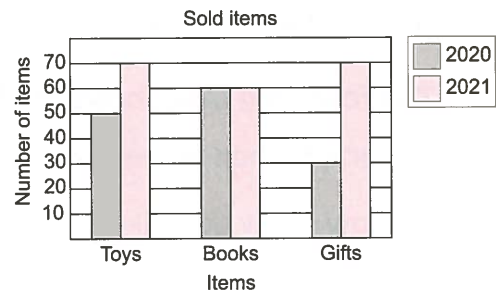
- A.  $4\frac{2}{3}$
- B.  $4\frac{2}{6}$
- C.  $2\frac{2}{6}$
- D.  $2\frac{2}{3}$

d.  $\frac{7}{9}$  \_\_\_\_\_ 1

- A. >
- B. <
- C. =

e. Five and one hundredths = \_\_\_\_\_

- A. 5.1
- B. 51
- C. 5.01
- D.  $5\frac{1}{10}$



## 2. Put (✓) to the correct statement and (X) to the incorrect statement.

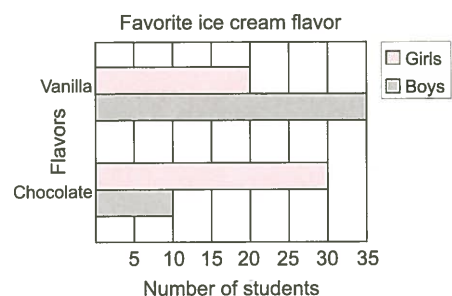
a. In the opposite double bar graph, the difference of the number of boys between vanilla and chocolate is 15 boys. ( )

b.  $1 - \frac{5}{7} = \frac{2}{7}$  ( )

c.  $\frac{6}{10}$  is equivalent to  $\frac{60}{10}$  ( )

d.  $\frac{5}{11} > \frac{5}{3}$  ( )

e.  $7 \times \frac{1}{8} = \frac{7}{8}$  ( )

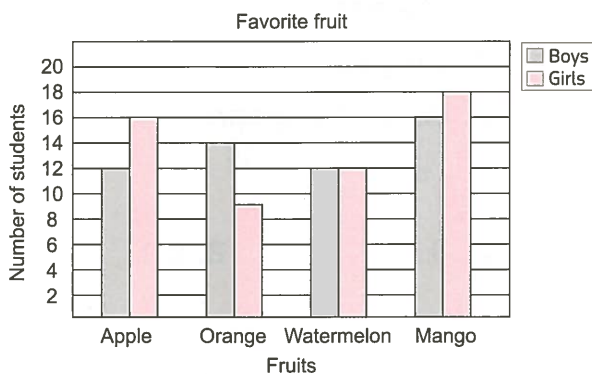


1. Arrange in an ascending order.

$$\frac{7}{9}, \frac{5}{9}, \frac{4}{9}, \frac{6}{9}, \frac{2}{9}$$

2. The following data shows the favorite fruit between boys and girls. Observe the double bar graph, then answer the questions.

- How many boys liked orange ?
- How many girls liked apple ?
- Which fruit is liked the most ?
- Which fruit is liked the least ?
- Which fruit shows the same number of boys and girls ?
- What is the total number of boys and girls liked orange ?
- How many more girls liked mango than watermelon ?



Cumulative Assessment

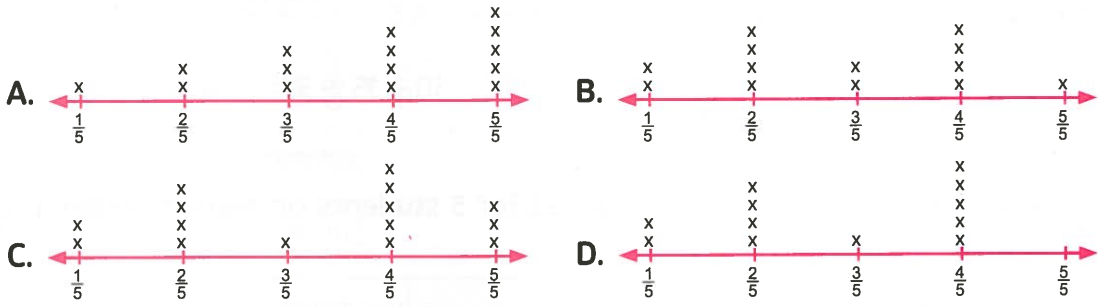
24

Till lesson 2 unit 11

1. Choose the correct answer.

a. The line plot which shows the following data that shows the walking distance each day for 15 students in kilometers

$\frac{4}{5}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{2}{5}$	1	$\frac{4}{5}$	$\frac{2}{5}$	1	$\frac{1}{5}$	$\frac{3}{5}$	$\frac{2}{5}$	1	$\frac{4}{5}$	$\frac{1}{5}$	$\frac{4}{5}$
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 is \_\_\_\_\_

b. Fifty-seven Hundredths in standard form is \_\_\_\_\_

- A. 5.7                      B. 0.57                      C. 57                      D. 0.75

c.  $\frac{8}{10} = \frac{4}{\quad}$

- A. 20                      B. 10                      C. 5                      D. 2

d.  $0 \bigcirc \frac{2}{7}$

- A. >                      B. <                      C. =

e. Which of the following fractions is less than  $\frac{1}{2}$  ?

- A.  $\frac{7}{7}$                       B.  $\frac{9}{10}$                       C.  $\frac{1}{4}$                       D.  $\frac{4}{8}$

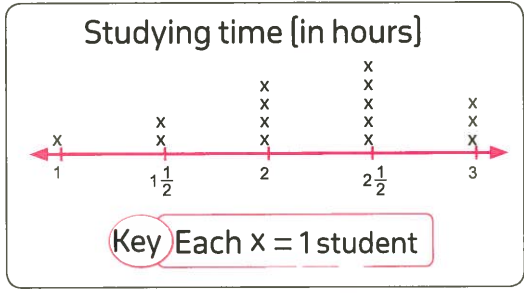
f. The model which represents  $\frac{5}{6}$  is \_\_\_\_\_

- A.
- B.
- C.
- D.

2. Put (✓) to the correct statement and (X) to the incorrect statement.

a. In the opposite line plot, the number of students which study 2 hours or more is 8 students.

( )



b. 70 Tenths is equivalent to 0.7

( )

c.  $\frac{34}{100} + \frac{4}{10} = \frac{38}{100}$

( )

d.  $0.7 > 0.67$

( )

e.  $37 \div 5 = 7 \text{ R } 2$

( )

### 3. Find the result.

a.  $7,000 - 4,562 =$  \_\_\_\_\_

b.  $535 \div 5 =$  \_\_\_\_\_

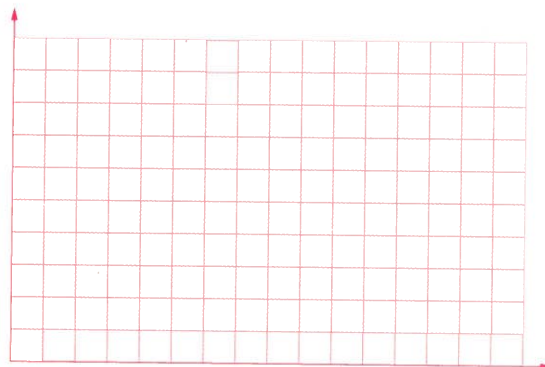
c.  $3\frac{1}{4} - 2\frac{3}{4} =$  \_\_\_\_\_

d.  $75 - 50 + 15 \div 3 =$  \_\_\_\_\_

### 4. The following data shows the jump distances for 5 students (in meters) in two rounds.

Name Rounds	Noura	Maged	Sama	Youssef	Ramy
1 <sup>st</sup> Round	$\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{1}{2}$
2 <sup>nd</sup> Round	$\frac{3}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{4}$	1

Represent these data , then answer the questions.



a. Which student jumped the highest distance in the first round ?

b. Which student jumped the highest distance in the second round ?

c. Which student jumped less distance in the second round than the first round ?

d. What is the difference of Youssef's jump distance between the two rounds ?

## Cumulative Assessment

25

Till lesson 3 unit 11

## 1. Choose the correct answer.

- a. The graph which represents the data of marks of 3 students in two different subjects is \_\_\_\_\_
- A. bar graph      B. line plot      C. pictograph      D. double bar graph
- b. Which equation of the following represents  $\frac{7}{8}$  ?
- A.  $\frac{1}{8} + \frac{1}{8} + \frac{4}{8}$       B.  $\frac{3}{8} + \frac{4}{8}$       C.  $\frac{7}{4} + \frac{7}{4}$       D.  $\frac{7}{8} + \frac{1}{8}$
- c.  $10.3 =$  \_\_\_\_\_ Tenths.
- A. 10.3      B. 103      C. 1030      D. 1.03
- d.  $3.05$       3 Ones and 5 Tenths
- A. >      B. <      C. =
- e.  $2,022 \div 2 =$  \_\_\_\_\_
- A. 111      B. 1,110      C. 1,011      D. 1,101
- f. The graph which uses to show the frequency of data on a number line is \_\_\_\_\_
- A. bar graph.      B. line plot.      C. pictograph.      D. double bar graph.

## 2. Put (✓) to the correct statement and (X) to the incorrect statement.

- a.  $\frac{7}{9} < \frac{7}{8}$  ( )
- b.  $2.7 = 2 \frac{7}{100}$  ( )
- c.  $3 \times \frac{1}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$  ( )
- d.  $8 + 8 \times 2 - 5 = 19$  ( )
- e.  $1 \frac{7}{10} = 1 \frac{7}{100}$  ( )

## 3. Order the following fractions in a descending order.

$$\frac{2}{7}, \frac{2}{5}, \frac{2}{9}, \frac{2}{4}, \frac{2}{10}$$



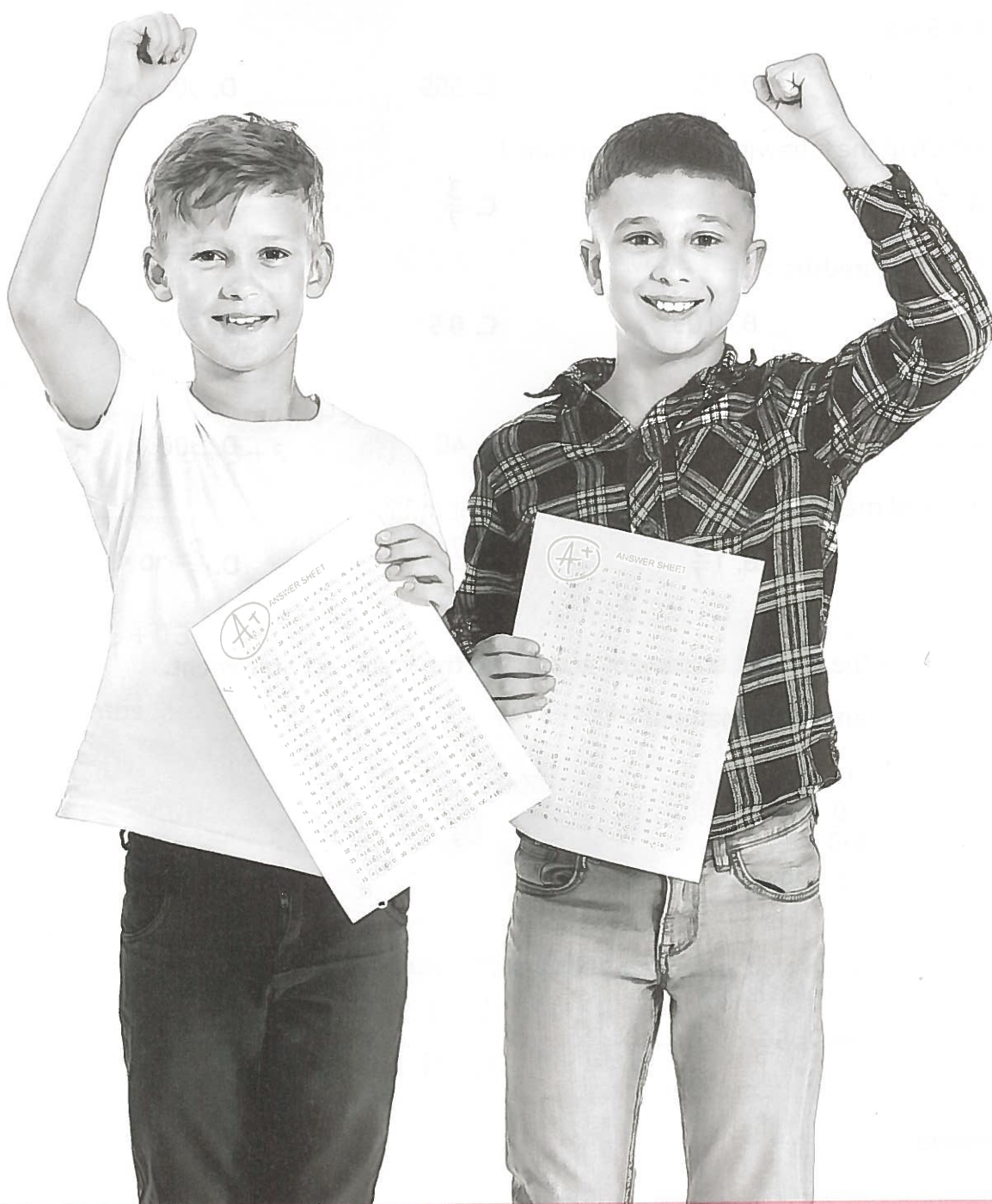
4. Petra surveyed her class. She asked them how many hours they spent doing daily chores and then plotted their answers.
- Complete the table she organized, represent the data she collected , then answer the questions.
- a. How many students spent for 3 hours ?
  - b. What is the time the most students spent ?
  - c. How many students spent for 2 hours or more ?
  - d. How many students did surveyed in Petra's data in all ?

Hours spent doing daily chores		
Number of hours	Tally	Total
$\frac{1}{2}$		
1		
$1\frac{1}{2}$		
2		
$2\frac{1}{2}$		
3		
$3\frac{1}{2}$		
4		
$4\frac{1}{2}$		



Key

# Final Assessments



## Model

1

## 1. Choose the correct answer.

a.  $25 \div 2 =$  \_\_\_\_\_

A. 12 R 0

B. 12 R 1

C. 12 R 2

D. 12 R 3

b.  $5 + 5 \times 5 =$  \_\_\_\_\_

A. 50

B. 55

C. 555

D. 30

c. Which of the following is a unit fraction ?

A.  $\frac{2}{3}$ B.  $\frac{1}{5}$ C.  $\frac{3}{7}$ D.  $1\frac{1}{5}$ 

d. Fifty hundredths = \_\_\_\_\_

A. 5,000

B. 0.05

C. 0.5

D. 5.05

e.  $120 \div 4 =$  \_\_\_\_\_

A. 3

B. 30

C. 40

D. 300

f. Which of the following fractions is equivalent to 1 ?

A.  $\frac{2}{7}$ B.  $1\frac{5}{7}$ C.  $\frac{7}{2}$ D.  $\frac{7}{7}$ 

## 2. Write (✓) to the correct statement and (X) to the incorrect statement.

a.  $73 \div 9 = 8$  and the remainder = 1

( )

b.  $60.57 = 60 + 0.5 + 0.7$

( )

c.  $\frac{2}{10} + \frac{3}{10} = \frac{50}{100}$

( )

d.  $18 \times 2 + 8 - 2 = 18 \times 7$

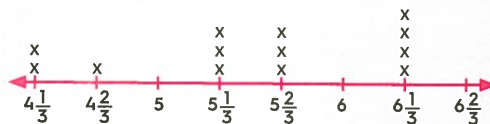
( )

e.  $\frac{5}{3} > 1$

( )

f. The number which is the most repeated is  $5\frac{2}{3}$ 

( )



## 3. Complete.

a. 24 hundreds  $\div 8 =$  \_\_\_\_\_ hundreds

b.  $\frac{20}{25} = \frac{\quad}{5}$

- c. The place value of the digit 0 in the number 10.62 is \_\_\_\_\_
- d.  $6 \times 2 + 30 \div 6 =$  \_\_\_\_\_
- e. The numerator of the fraction  $\frac{3}{7}$  is \_\_\_\_\_
- f. The value of the digit 6 in the number 3.26 is \_\_\_\_\_

4. Match.

- a.  $31 \times 5$
- b.  $230 \div 2$
- c.  $17,621 - 17,386$
- d.  $3 + 15 \div 3 + 5$

1. 115
2. 155
3. 13
4. 235

5. Write (< , > or =).

- a.  $3 + 0.03 + 0.3$   3.33
- b. 24 tenths  24 hundredths
- c. 5.2  5.20
- d.  $3\frac{7}{100}$   3.7

6. Giovanni is reading a book of 120 pages. If he reads 6 pages per day, how long will it take him to finish the book ?

7. Find :

- a.  $3\frac{2}{5} - 2\frac{1}{5}$  | b.  $2\frac{4}{7} + 1\frac{3}{7}$  | c.  $2\frac{1}{10} + \frac{1}{100}$

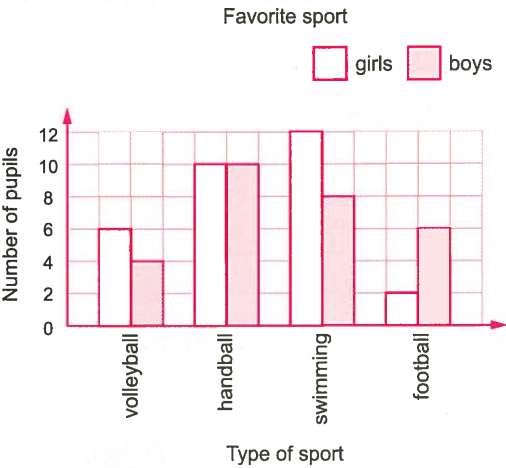
8. Answer each of the following as required.

- a.  $3.4 = \rule{1cm}{0.4pt}$  [as a fraction]
- b.  $2.02 = \rule{1cm}{0.4pt}$  [as a fraction]

9. By using the opposite graph ,answer the following questions :

a. Complete the table.

sport pupils \	volleyball	handball	swimming	football
Boys	4	<u>      </u>	<u>      </u>	<u>      </u>
Girls	<u>      </u>	<u>      </u>	<u>      </u>	2



- b. How many boys prefer swimming ?
- c. How many girls prefer volleyball ?

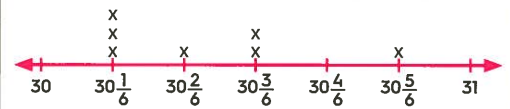
## Model

2

## 1. Choose the correct answer.

- a.  $\frac{73}{10} = \text{—————}$  [as a mixed number]  
 A.  $70\frac{3}{10}$       B.  $10\frac{3}{7}$       C.  $7\frac{3}{10}$       D.  $7\frac{1}{7}$
- b.  $\frac{2}{10} = \text{—————}$  [as a decimal]  
 A. 1.2      B. 2.1      C. 0.2      D. 0.22
- c.  $5 + 5 + 5 + 5 + 5 - 12 = \text{—————}$   
 A.  $5 \times 6 - 12$       B.  $20 - 12$       C.  $5 \times 5 - 12$       D.  $5 \times 5 + 12$
- d. In the problem  $1,866 \div 6$ , the quotient is between ————— and —————  
 A. 100 and 200      B. 200 and 300      C. 300 and 400      D. 400 and 500
- e. The opposite line plot represents the heights of some palm trees in meters, then the number of all the palm trees in this graph is —————  
 A. 7      B. 14  
 C. 21      D. 70

Heights of palm trees in meters



Key Each x represents 3 palm trees

## 2. Write (✓) to the correct statement and (X) to the incorrect statement.

- a.  $\frac{2}{10} + \frac{6}{10} = \frac{8}{20}$  ( )
- b.  $\frac{5}{7} > \frac{1}{2}$  ( )
- c. The double bar graph shows one set of data on the same graph. ( )
- d. The number of the unit fractions of the fraction  $\frac{8}{9}$  is 8 ( )
- e.  $3 + 3 \times 3 - 3 = \text{zero}$  ( )
- f. If  $864 \div x = 432$ , then  $x = 2$  ( )

## 3. Complete.

- a.  $3 + 0.03 + 0.3 = \text{—————}$
- b.  $2\frac{1}{6} = \text{—————}$  [as an improper fraction]



c.  $\frac{2}{10} + \frac{5}{100} =$  \_\_\_\_\_

d.  $81 + 54 \div 6 =$  \_\_\_\_\_

e. The division problem in the opposite model  
is \_\_\_\_\_  $\div$  \_\_\_\_\_

5	$5 \times 20 = 100$	$5 \times 5 = 25$
	20	5 R3

4. Compare, write (< , > or =) for each

a. 1  0.1

b.  $1\frac{2}{3}$    $\frac{5}{3}$

c.  $3 + 1 \times 5 - 3$    $2 + 1 \times 5 - 2$

d.  $370 \div 9$    $370 \div 5$

5. There are 10 beanbags, four of them are blue. What part of the group of beanbags are blue ? [Write fraction and decimal]

6. Find :

a. $7,341 + 1,532$	b. $7,000 - 3,499$
c. $3,159 \div 9$	d. $34 \times 15$

7. Complete the table.

Model	Fraction	Unit fraction	Equation to form the fraction
a. <input type="text"/>	_____	_____	_____
b. _____	$\frac{5}{6}$	_____	_____

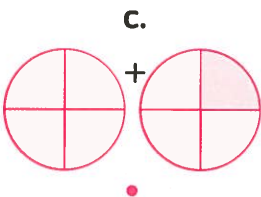
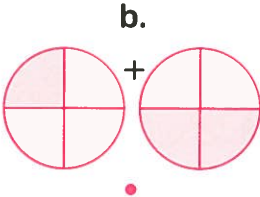
8. The opposite table shows the heights of some pencil colors with Ramy. Represents this data using a line plot, then answer the following questions.

The color	The height in cm
Red	$4\frac{1}{4}$ , $4\frac{2}{4}$ , $4\frac{3}{4}$
Blue	$4\frac{1}{4}$ , $4\frac{3}{4}$ , $4\frac{3}{4}$
Green	4 , 5 , $4\frac{2}{4}$
Black	$4\frac{1}{4}$ , $4\frac{3}{4}$ , 5

- a. How many pencils whose heights are more than  $4\frac{2}{4}$  cm ?
- b. What is the greatest height of the pencils ?
- c. What is the smallest height of the pencils ?

←————→  
Key Each x represents ——— pencil

9. Match.



1.  $\frac{5}{4}$

2.  $\frac{3}{4}$

3.  $\frac{4}{4}$

4.  $\frac{2}{4}$

## Model

3

## 1. Choose the correct answer.

- a. The value of the digit 5 in the number 7.45 is \_\_\_\_\_  
 A. 5                      B. 0.5                      C. 0.05                      D. 50
- b. Which is the first step in evaluating  $19 - 14 + 2 \times 10 - 5$ ?  
 A.  $19 - 14$                       B.  $2 \times 10$                       C.  $14 + 2$                       D.  $10 - 5$
- c.  $3,500 \div \text{_____} = 700$   
 A. 2                      B. 3                      C. 4                      D. 5
- d.  $3\frac{2}{5} = \text{_____}$  [as an improper fraction]  
 A.  $\frac{17}{3}$                       B.  $\frac{17}{5}$                       C.  $\frac{32}{5}$                       D.  $\frac{32}{3}$
- e.  $\text{||||} \text{ |||} = \text{_____}$   
 A. 53                      B. 7                      C. 8                      D. 35
- f.  $23 \div 5 = 4 \text{ R } \text{_____}$   
 A. 1                      B. 2                      C. 3                      D. 4

## 2. Write (✓) to the correct statement and (X) to the incorrect statement.

- a.  $93 \div 3 = 13$  ( )
- b.  $20 \div 5 + 5 = 9$  ( )
- c.  $3\frac{7}{10}$  is equivalent to 3.7 ( )
- d.  $\frac{21}{5} = 4\frac{1}{5}$  ( )
- e. The suitable way for representing the favorite color for 30 students is the line plot. ( )
- f.  $6 + 5 \times 2 - 2 = 14$  ( )

## 3. Complete.

- a. 2.3 = \_\_\_\_\_ tenths.

b.  $10 \times 3 + 15 \div 5 =$  \_\_\_\_\_

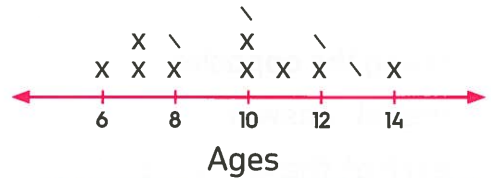
c.  $\frac{6}{7} \times \frac{3}{3} =$  \_\_\_\_\_

d.  $3,200 \div$  \_\_\_\_\_  $= 400$

e. By using the opposite line plot, the number of children whose ages are 10 years old is \_\_\_\_\_

f.  $3 \frac{3}{100} =$  \_\_\_\_\_ [as a decimal]

Ages of children in kung fu training



Key Each x stands for 2 children

#### 4. Match.

a.  $\frac{3}{5}$

b.  $\frac{2}{5}$

c.  $3 \frac{1}{5}$

d.  $\frac{36}{5}$

e.  $1 \frac{2}{5}$

1.  $3 - 1 \frac{3}{5}$

2.  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

3.  $3 + \frac{1}{5}$

4.  $\frac{2}{5} \times \frac{3}{3}$

5.  $7 \frac{1}{5}$

#### 5. Compare, write (< , > or =) for each

a.  $325 \div 7$



$325 \div 4$

b.  $2 + 2 \times 2 - 2$



$2 - 2 \div 2 + 2$

c.  $\frac{1}{11}$



$\frac{5}{6}$

d. 5.4



5.40

#### 6. Find the result of each of the following (You can use any strategy you prefer) :

- a.  $9,230 - 455$

b.  $349 + 199$

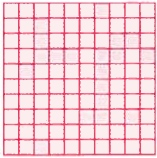
c.  $62 \times 18$

d.  $725 \div 8$


7. Mathew has 18 apples. Two thirds of the apples are red. How many apples are red ?

8. Using the opposite model , answer each of the following.


Given



stands for one whole.

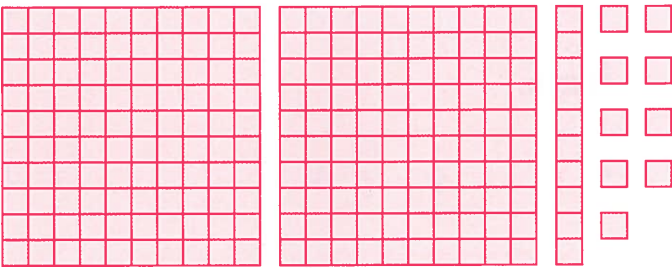


stands for one tenth.



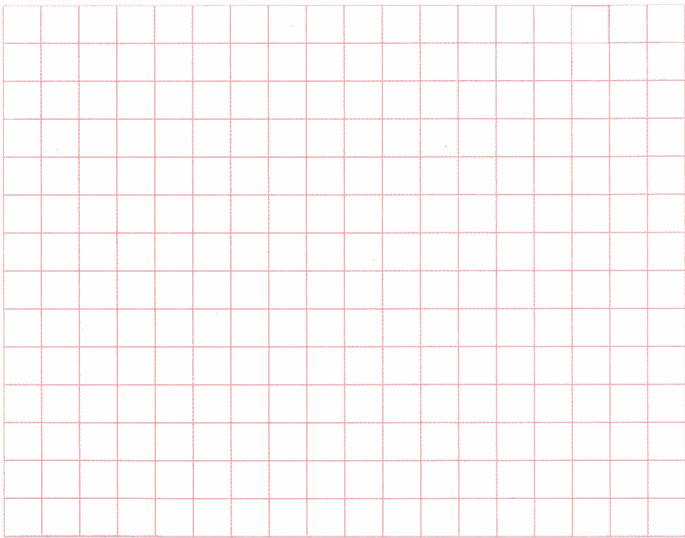
stands for one hundredth.

- a. Standard form : \_\_\_\_\_
- b. Word form : \_\_\_\_\_



9. The following data show the number of hours that Ayman and Nora study in 6 days. Represent this data by using a double bar graph.

Day \ Name	Sat.	Sun.	Mon.	Tue.	Wed.	Thu.
Ayman	3	$4\frac{1}{2}$	3	$4\frac{1}{2}$	$3\frac{1}{2}$	2
Nora	4	5	$2\frac{1}{2}$	5	$4\frac{1}{2}$	3



## Model

4

## 1. Complete.

- a. If  $2,166 \div 6 = 361$ , then the divisor is \_\_\_\_\_
- b.  $9,342 \div 3$  is closer to \_\_\_\_\_
- c.  $10 \times 3 + 15 \div 5 =$  \_\_\_\_\_
- d.  $\frac{2}{3} = \frac{\quad}{9}$
- e.  $2.4 =$  \_\_\_\_\_ tenths.
- f. Five and five hundredths = \_\_\_\_\_

## 2. Write (✓) to the correct statement and (X) to the incorrect statement.

- a. Line plot often used when the data shows numbers or measurements. ( )
- b.  $2 + 10 - 8 = 3 \times 4 - 8$  ( )
- c.  $320 \div 4 = 80 \text{ R } 3$  ( )
- d. If  $1,095 \div 3 = 365$ , then the quotient is 365 ( )
- e.  $\frac{5}{3} = 1\frac{3}{5}$  ( )
- f. 1.7 is smaller than 1.69. ( )

## 3. Choose the correct answer.

- a. The following data show the heights of 20 pupils in class 4/A in centimeters

110	111	109	108	100	101	103	105	103	104
102	100	103	105	110	104	106	100	109	103

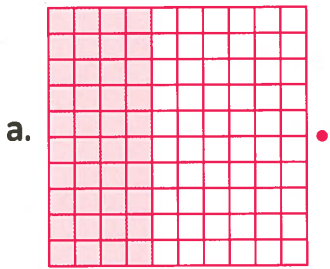
What is the suitable method of representing this data ?

- A. line plot      B. bar line      C. double bar line
- b.  $4 + \frac{4}{3} =$  \_\_\_\_\_
- A.  $4\frac{1}{3}$       B.  $\frac{16}{4}$       C.  $\frac{12}{3}$       D.  $5\frac{1}{3}$

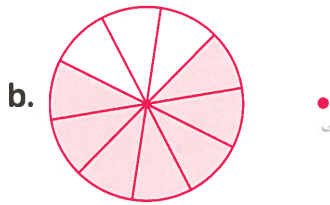


- c. Which of the following fractions is greater than 1?
- A.  $\frac{4}{5}$       B.  $\frac{5}{8}$       C.  $\frac{7}{5}$       D.  $\frac{9}{10}$
- d. The digit 4 in 15.42 is in \_\_\_\_\_ place.
- A. ones      B. tens      C. tenth      D. hundredth
- e. The division equation that matches  $126 \times 3 = 378$  is \_\_\_\_\_
- A.  $378 - 3 = 126$       B.  $378 + 3 = 126$       C.  $378 \div 3 = 126$       D.  $378 \times 3 = 126$
- f.  $4 \div 1 + 8 \times 2 =$  \_\_\_\_\_
- A. 20      B. 24      C. 1      D. zero

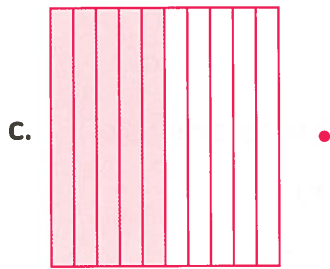
4. Match.



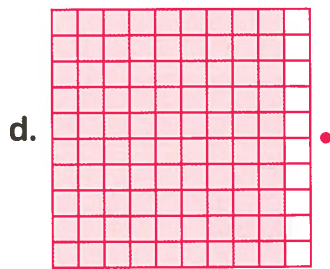
1.



2.



3.



4.

5. Compare, write ( $<$ ,  $>$  or  $=$ ).

- a.  $48 - [16 - 6]$

$[48 - 16] - 6$
- b.  $21 \div 7$

$210 \div 7$
- c.  $\frac{7}{3}$

$\frac{3}{7}$
- d.  $3.4$

$34$

6. Draw a circle around the numbers that equals to 6 ones and 42 hundredths.

60.42 , 6.42 ,  $6 + 0.40 + 0.02$  , 4.26 , 42.6

7. There are 15 birds on a tree.  $\frac{3}{5}$  of them flew away.

What is the number of birds that flew away ?

8. Find :

- a.  $336 \div 6$

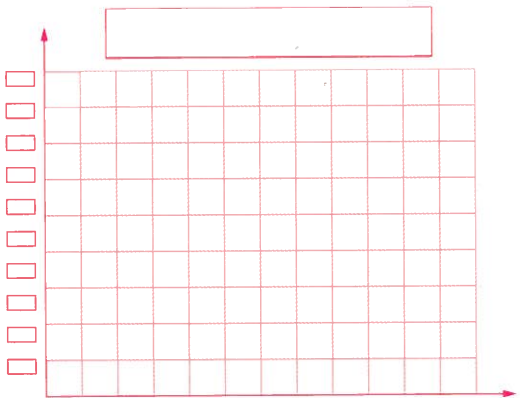
b.  $34.751 + 13.143$
- c.  $678 \div 6$

d.  $3.240 - 1.230$

9. The following data shows the internet usage for four friends. The data are given to the nearest  $\frac{1}{4}$  of hour. Use the following table to complete the bar graph , then answer the questions.

Name	Samer	Amira	Islam	Enas
Number of hours	$\frac{3}{4}$	$2\frac{1}{4}$	$1\frac{1}{2}$	2

- a. Who used the internet the most time ?
- b. Who used the internet the least time ?
- c. What is the difference between Enas and Samer ?



Model

5

1. Complete.

- a.  $3.2 = 3 + \underline{\hspace{2cm}}$
- b.  $3\frac{1}{5} = \underline{\hspace{2cm}}$  [as an improper fraction]
- c.  $\frac{8}{10} = \frac{4}{\underline{\hspace{1cm}}}$
- d.  $5 + 8 \div 2 = \underline{\hspace{2cm}}$
- e.  $13 \div \underline{\hspace{2cm}} = 6 \text{ R } 1$
- f.  $27 \text{ Hundreds} \div 9 = \underline{\hspace{2cm}}$

2. Choose the correct answer.

a. What is the value of X in the opposite division problem ?

- A. 73
- B. 73 R 1
- C. 73 R 2
- D. 73 R 3

X

4  $\overline{) 292}$   
 $\underline{-28}$  ↓  
12  
 $\underline{-12}$   
0

b. What is the difference  $70,000 - 7,777$  ?

- A. 73,333
- B. 62,223
- C. 77,777
- D. 7

c. Which of the following is NOT true ?

- A.  $\frac{5}{15} = \frac{1}{3}$
- B.  $\frac{1}{6} = \frac{3}{18}$
- C.  $\frac{7}{8} = \frac{8}{17}$
- D.  $\frac{3}{3} = \frac{4}{4}$

d. Which fraction is equivalent to 0.3 ?

- A.  $\frac{30}{10}$
- B.  $\frac{3}{100}$
- C.  $\frac{3}{10}$
- D.  $\frac{300}{100}$

e.  $\frac{2}{10} + \frac{3}{100} = \frac{\underline{\hspace{1cm}}}{100}$

- A. 23
- B. 5
- C. 32
- D. 50

f. From the opposite tally table, the value of X is                     

- A. 6
- B. 7
- C. 8
- D. 9


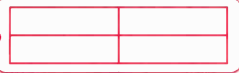
Name	Tally	Sum
Amgad	////	4
Ola	////	5
Nora	////	10
Alaa		X
Noha	//	2
Sum		30

3. Put (✓) to the correct statement and (X) to the incorrect statement.

- a. 1 dm = 0.1 m ( )
- b. The two fractions  $\frac{6}{15}$  and  $\frac{2}{5}$  are equivalent. ( )
- c. The fractions  $\frac{2}{10}$ ,  $\frac{9}{10}$ ,  $\frac{5}{10}$  are ordered from the least to the greatest. ( )
- d. The quotient of  $4 \overline{)369}$  is 92 R 1 ( )
- e.  $5 + 5 \times 5 = 50$  ( )
- f. The best type of graph that represents the following data is a bar graph. ( )

Colors	Red	White	Green	Blue
Boys	25	15	35	10
Girls	30	40	20	45

4. Join.

- a.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$  1.  $\frac{2}{5}$
- b. Two fifths 2. One
- c.  $\frac{2}{7} + \frac{3}{7}$  3.  $\frac{3}{6}$
- d.  4. 
- e. One fourth 5.  $\frac{5}{7}$

5. Compare, write (< , > or =).

- a.  $\frac{5}{5}$  ○  $\frac{5}{10}$
- b.  $3 + 3 \times 3$  ○  $[3 + 3] \times 3$
- c.  $7,241 \div 9$  ○  $7,241 \div 4$
- d. 11.11 ○ 1.11

6. Solve the problems using any strategy you choose.

a.  $7 \times 251 =$  \_\_\_\_\_

c.  $25 \times 13 =$  \_\_\_\_\_

b.  $5,372 - 198 =$  \_\_\_\_\_

d.  $7,516 + 1,321 =$  \_\_\_\_\_

7. Find the perimeter of a square of side length  $1\frac{1}{4}$  m.

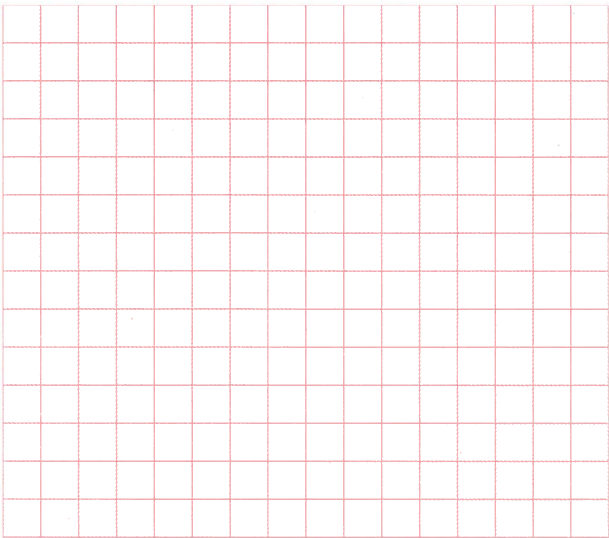
8. Giovanni ate 0.7 of his food, his brother Mathew ate  $\frac{9}{10}$  of his food. Who ate more ?

9. The following data shows the walking distances to the nearest  $\frac{1}{4}$  kilometer of four friends in two different days.

Day \ Name				
	Nada	Nader	Hady	Sally
First Day	$1\frac{1}{2}$	$\frac{3}{4}$	$2\frac{3}{4}$	2
Second day	$1\frac{3}{4}$	1	$1\frac{1}{4}$	$2\frac{1}{2}$

Represent this data by using a double bar graph, then answer the following questions.

- a. Who walked the tallest distance in first day ?
- b. Who walked the shortest distance in second day ?



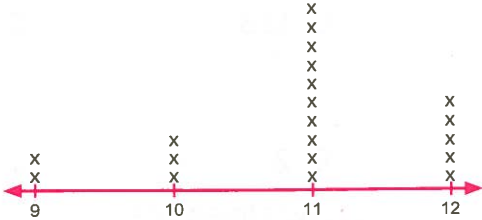
Model 6

1. Put (✓) to the correct statement and (X) to the incorrect statement.

- a. The model 


 represents  $\frac{3}{8}$

( )
- b. In the opposite line plot, if it represents the ages of 40 students, then each X stands for 4 students.



( )
- c. 32 Hundredths = 0.32

( )
- d.  $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} = \frac{1}{7} \times 5$

( )
- e.  $715 \times 2 = 1,430$

( )
- f.  $5 \div 3 = 1 \text{ R } 3$

( )

2. Complete.

- a.  $180 \div 2 =$  \_\_\_\_\_
- b.  $736 \div 4 =$  \_\_\_\_\_
- c.  $7 + 70 \div 10 - 2 =$  \_\_\_\_\_
- d.  $\frac{2}{10} + \frac{24}{100} + \frac{6}{10} =$  \_\_\_\_\_
- e.  $213 \times 15 =$  \_\_\_\_\_
- f. 7 Ones , 4 Hundredths and 2 Tenths = \_\_\_\_\_

3. Choose the correct answer.

a. Which type of graph is a suitable for the following table ?

Subject	Math	English	Arabic	Science	Art
Hany	20	19	15	18	17
Mona	17	20	19	20	15

- A. Double bar graph.
- B. Line plot.
- C. Bar graph.



b. The fraction which represents letter E on the following number

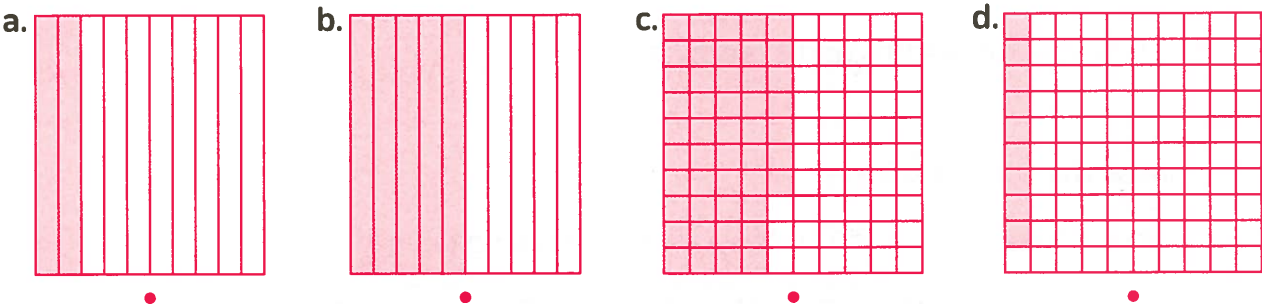


- A.  $\frac{5}{7}$                       B.  $\frac{5}{8}$                       C.  $\frac{5}{6}$                       D.  $\frac{5}{5}$
- c.  $3 + 0.2 + 0.01 =$  \_\_\_\_\_
- A. 0.321                      B. 12.3                      C. 3.12                      D. 3.21
- d.  $2 - 2 \div 2 =$  \_\_\_\_\_
- A. 0                      B. 2                      C. 3                      D. 1
- e.  $9,342 \div 3$  is closer to \_\_\_\_\_
- A. 300                      B. 3,000                      C. 4,000                      D. 5,000
- f. Which of the following can be represented by a line plot ?
- A. Our favorite movie.                      B. Our heights.
- C. Our favorite animal.                      D. Our favorite food.

4. Find the result of each of the following.

- a.  $3\frac{2}{5} + 1\frac{4}{5} =$  \_\_\_\_\_
- b.  $3\frac{4}{7} - 1\frac{3}{7} =$  \_\_\_\_\_
- c.  $4 \times \frac{1}{9} =$  \_\_\_\_\_
- d.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$  \_\_\_\_\_

5. Join each decimal to its representing shape.



1. 0.50                      2. 0.47                      3. 0.20                      4. 0.09

6. Compare , write (< , > or =).

- a.

$3 + 0.3 + 0.03$

33.3
- b.

$4 \times \frac{1}{7}$

$\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$
- c.

$215 \times 3$

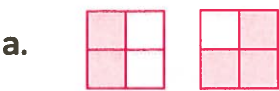
$215 \times 7$
- d.

$4 \times 4 - 4 \div 4$

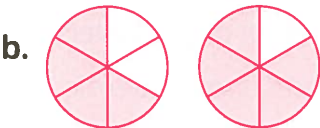
$3 \times 5 + 0 \times 12$

7. Elen placed 21 paints equally on 3 tables. How many paints were placed on each table ?

8. Write the following fractions in the form of improper fraction and mixed number.



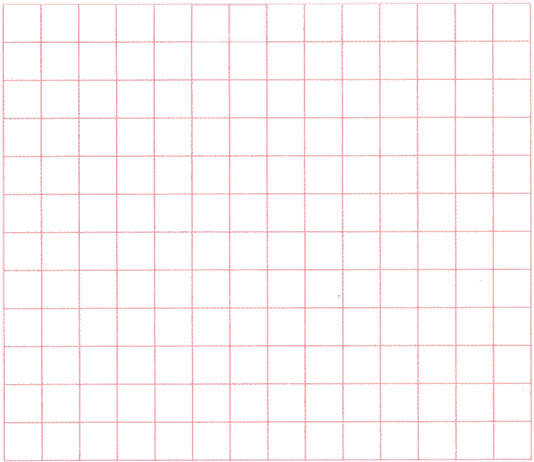
improper \_\_\_\_\_  
mixed \_\_\_\_\_



improper \_\_\_\_\_  
mixed \_\_\_\_\_

9. Scores obtained by the four friends Youssef, Sameh, Noha and Ola in the pre-test and test are given below. Represent these data by a double bar graph.

Students Score		
Name of students	Pre-test	Test
Youssef	60	70
Sameh	75	90
Noha	55	55
Ola	80	95



Then , answer the following questions :

- a. How has the greatest score in the pre-test ?
- b. What is the smallest score in the test ?
- c. How has the same score in the pre-test and the test ?

## Model

7

## 1. Choose the correct answer.

a.  $5 \div 1 + 5 \times 2 =$  \_\_\_\_\_

A. 1

B. zero

C. 15

D. 55

b.  $56 \div 8 =$  \_\_\_\_\_

A. 7

B. 70

C. 700

D. 7,000

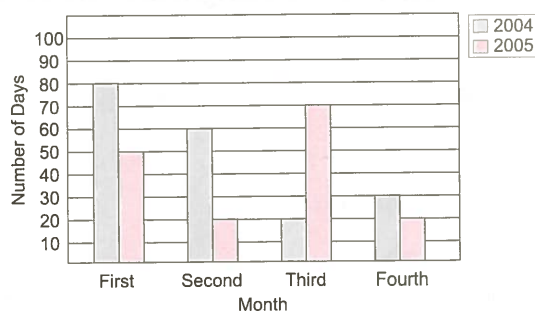
c. which of the following is an improper fraction ?

A.  $3\frac{1}{5}$ B.  $\frac{4}{9}$ C.  $\frac{1}{6}$ D.  $\frac{4}{3}$ 

d.  $0.7 =$  \_\_\_\_\_

A.  $\frac{10}{7}$ B.  $\frac{100}{7}$ C.  $\frac{7}{100}$ D.  $\frac{7}{10}$ 

e. This double bar graph compares the total number of days students were absent over two academic years. Which month has the greatest difference in the number of days ?



A. The first month.

B. The second month.

C. The third month.

D. The fourth month.

f. Which of the following can not be represented by a line plot ?

A. The number of our family members.

B. Our shoe sizes.

C. Distance between home and school.

D. Our favorite activity in our spare time.

## 2. Complete.

a. The value of the digit 3 in the number 4.53 is \_\_\_\_\_

b. The improper fraction which represents the model   is \_\_\_\_\_c. The quotient of  $3,019 \div 3$  equals \_\_\_\_\_

d.  $8 \times 3 + 6 + 2 =$  \_\_\_\_\_

e.  $\frac{3}{10} + \frac{5}{100} = \underline{\hspace{2cm}}$

f. If  $\frac{X}{4} = \frac{2}{8}$  then  $X = \underline{\hspace{2cm}}$

3. Put (✓) to the correct statement and (X) to the incorrect statement.

a. The place value of the digit 8 in the number 7.85 is 0.80 ( )

b.  $10.6 = 1060$  hundredths. ( )

c.  $\frac{3}{9} + \frac{1}{9} + \frac{1}{9} = \frac{5}{9}$  ( )

d.  $\frac{9}{5} < \frac{7}{5}$  ( )

e.  $5 \times 5 - 5 \div 5 = 4$  ( )

f.  $36 \div 4 = 9$  ( )

4. Compare , write ( $<$  ,  $>$  or  $=$ )

a.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$  ○  $\frac{4}{12}$

b.  $376 \div 9$  ○  $376 \div 7$

c. 0.7 ○ 0.70

d. The number of tally  $\text{||||}$  ○ The number of tally  $\text{|||||}$

5. Match.

a.  $3\frac{1}{5}$

1.  $\frac{16}{3}$

b. 2.7

2.  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$

c.  $\frac{4}{9}$

3.  $2\frac{7}{10}$

d.  $2\frac{1}{5} + 3\frac{4}{5}$

4. 6

6. Hala has 28 biscuits to give it to her 9 friends.  
How can Hala share the biscuits equally ? What is the left ?

7. Find :

- a.  $7,654 + 3,271$

b.  $7,000 - 3,542$

c.  $29 \times 13$

b.  $625 \div 5$

8. Write the required forms for the decimal number 3.27

- a. Word form : \_\_\_\_\_
- b. Unit form : \_\_\_\_\_
- c. Expanded form : \_\_\_\_\_

9. Omar and Malek conducted an experiment. They wanted to see how far their friends could roll a heavy ball. They drew a starting line in the dirt and asked six friends to roll a 10 kilograms ball as far as they could from the starting line. They measured the distance in meters to the nearest  $\frac{1}{4}$  meter and record their data in a table.

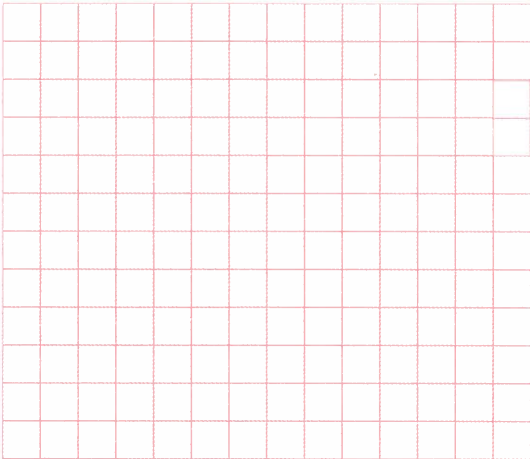
Student	Rana	Salah	Tahani	Ziad	Farouk	Walid
Distance for 10 kg Ball [in m]	$\frac{3}{4}$ m	$1\frac{1}{2}$ m	$1\frac{1}{4}$ m	$2\frac{1}{4}$ m	$1\frac{3}{4}$ m	$2\frac{1}{2}$ m

Create a bar graph that shows Omar and Malek’s data.

Remember to include all the elements of a bar graph,

then Answer the following questions :

- a. Who has the greatest distance after rolling the ball ?
- b. What is the difference between the greatest and smallest distance of rolling the ball ?



## Model

8

## 1. Complete.

a.  $2\frac{3}{10} + 4\frac{5}{100} = \underline{\hspace{2cm}}$

b.  $5 = \frac{\hspace{1cm}}{10}$

c. 0.75 is equivalent to  $\underline{\hspace{2cm}}$  [as a fraction]

d.  $4\frac{5}{6} + \underline{\hspace{2cm}} = 6\frac{5}{6}$

e.  $10 \times 4 + 20 \div 4 = \underline{\hspace{2cm}}$

f.  $73 \div 9 = 8 \text{ R } \underline{\hspace{2cm}}$

## 2. Put (✓) to the correct statement and (X) to the incorrect statement.

a. We use the picture to represent the data by double bar graph. ( )

b.  $9 + 9 - 9 \times 2 = \text{zero}$  ( )

c. If  $36 \div 4 = 9$ , then :  $306 \div 4 = 90$  ( )

d.  $\frac{9}{7}$  is a proper fraction. ( )

e. 32 tenths = 3.2 ( )

f.  $\frac{17}{100} + \frac{5}{10} = \frac{22}{100}$  ( )

## 3. Choose the correct answer.

a.  $3\frac{7}{10}$  is equivalent to  $\underline{\hspace{2cm}}$

A. 0.37

B. 3.07

C. 3.70

D. 37

b.  $\frac{6}{16} = \underline{\hspace{2cm}}$

A.  $\frac{2}{4}$

B.  $\frac{12}{30}$

C.  $\frac{6}{6}$

D.  $\frac{3}{8}$

c. Which of the following fraction is the greatest ?

A.  $\frac{2}{7}$

B.  $\frac{3}{7}$

C.  $\frac{5}{7}$

D.  $\frac{7}{7}$

d. In the number 325.41, which digit is in the hundredth place ?

A. 1

B. 2

C. 3

D. 4

e.  $\underline{\hspace{2cm}}$  hundreds  $\div 5 = 20$  tens.

A. 1

B. 10

C. 100

D. 1,000

- f. Which of the following can be represented by a double bar graph ?
- A. Sleeping hours every night.
  - B. Favorite food.
  - C. Maximum and minimum temperatures in different cities.
  - D. Length of 5 things on your desk.

4. Join.

a. 1,357 + 3,643

b. 5,162 – 3,162

c. 400

d. 132

1. 2,000

2. 5,000

3. 396 ÷ 3

4. 25 × 16

5. Compare , write (< , > or =).

a.  $\frac{5}{6}$  ○  $\frac{3}{8}$

b.  $\frac{3}{10}$  ○  $\frac{30}{100}$

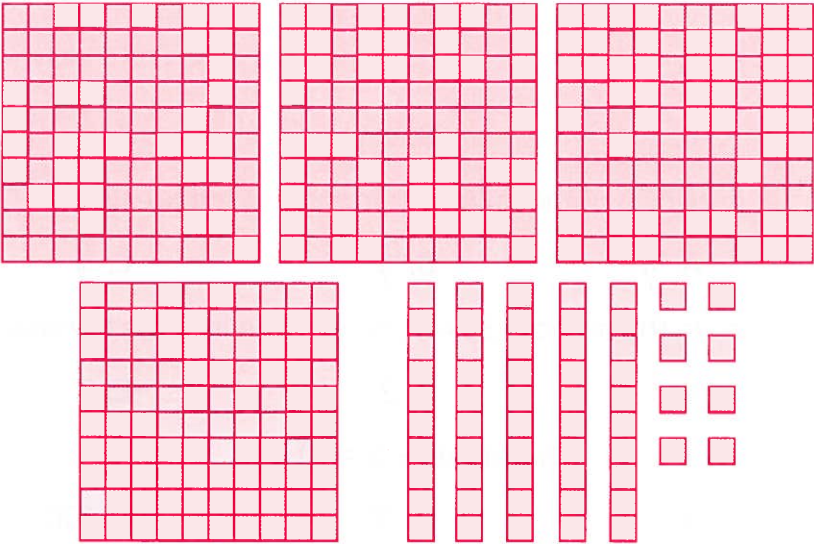
c.  $\frac{2}{7} + \frac{3}{7}$  ○  $\frac{6}{7} - \frac{1}{7}$

d.  $214 \times 7$  ○  $214 \times 17$

6. Calculate the area of a square of side length 23 cm.

7.

- a. Standard form : \_\_\_\_\_
- b. Word form : \_\_\_\_\_
- c. Unit form : \_\_\_\_\_
- d. Expanded form : \_\_\_\_\_





8. Find.

a.  $2\frac{2}{3} + 1\frac{2}{3}$

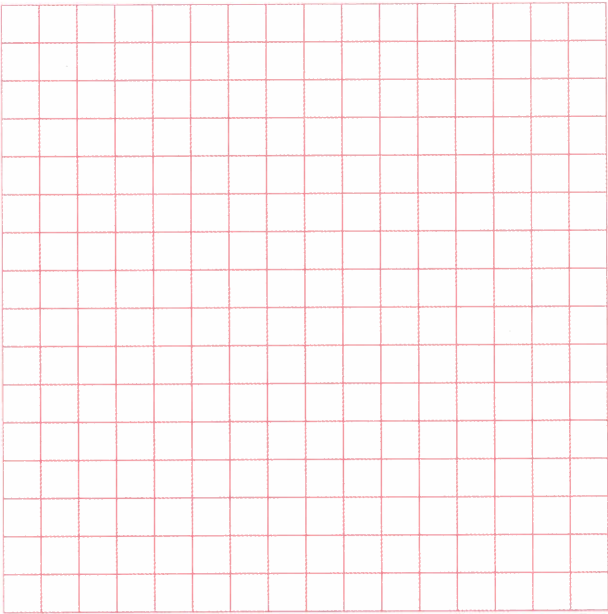
c.  $\frac{6}{7} \times \frac{5}{5}$

b.  $4\frac{1}{5} - 1\frac{4}{5}$

d.  $\frac{5}{10} + \frac{3}{100}$

9. Complete the following table. Use the data and represent it by a double bar graph.

Our Favorite Food				
Food	Tally table		Total	
	Girls	Boys	Girls	Boys
Chicken				
Meat				
Fish				
Other				



Model

9

1. Put (✓) to the correct statement and (X) to the incorrect statement.

a.  $\frac{4}{10} + \frac{6}{10} = \frac{10}{20}$

( )

b.  $\frac{7}{10}$  is equivalent to 0.70

( )

c. 1 cm = 0.01 dm

( )

d. If the perimeter of a square is 364 cm , then its side length equals 91 cm

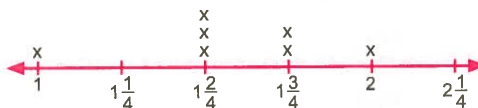
( )

e.  $4 - 4 \div 4 + 4 = \text{zero}$

( )

f. The most occurred number in

the opposite line plot is  $1\frac{2}{4}$



( )

2. Choose the correct answer.

a. Which type of graphs is suitable for this

Name	Ahmed	Nora	Sally	Aola
Age	13	17	15	10

A. double bar graph.

B. line plot.

C. bar graph.

b.  $1,836 \div 3$  is closer to \_\_\_\_\_

A. 6

B. 60

C. 600

D. 6,000

c. A fraction in which the numerator is greater than or equal the denominator called \_\_\_\_\_

A. proper fraction.

B. mixed number.

C. unit fraction.

D. improper fraction.

d.  $[3 \times 10] - [20 \div 4] =$  \_\_\_\_\_

A. 35

B. 25

C. zero

D. 4

e. Which choice shows the fractions in a descending order ?

A.  $\frac{3}{10}, \frac{3}{9}, \frac{3}{7}, \frac{3}{5}, \frac{3}{3}$

B.  $\frac{3}{5}, \frac{3}{7}, \frac{3}{9}, \frac{3}{10}, \frac{3}{3}$

C.  $\frac{3}{3}, \frac{3}{5}, \frac{3}{7}, \frac{3}{9}, \frac{3}{10}$

D.  $\frac{3}{3}, \frac{3}{10}, \frac{3}{9}, \frac{3}{7}, \frac{3}{5}$

f. The place value of the digit 3 in the number 2.53 is \_\_\_\_\_

A. Ones.

B. Tens.

C. Tenths.

D. Hundredths.

**3. Complete.**

- a. The unit form of 4.52 is \_\_\_\_\_
- b.  $5.2 =$  \_\_\_\_\_ hundredths.
- c.  $\frac{5}{15} = \frac{15}{\quad}$
- d. There are \_\_\_\_\_ unit fractions that form seven tenths.
- e. \_\_\_\_\_  $\div 2 = 5 \text{ R } 1$
- f.  $3 \times [5 - 4] - 3 =$  \_\_\_\_\_

**4. Match.**

- |                    |  |
|--------------------|--|
| a. $\frac{5}{5}$   | 1. $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$ |
| b. $\frac{15}{50}$ | 2. $\frac{9}{9}$   |
| c. $\frac{4}{10}$  | 3. $\frac{3}{7} - \frac{1}{7}$                                 |
| d. $\frac{20}{70}$ | 4. 0.3   |

**5. Compare. Write (< , > or =).**

- |                                   |                      |                  |
|-----------------------------------|----------------------|------------------|
| a. 34 tenths                      | <input type="text"/> | $3\frac{4}{10}$  |
| b. 5 Ones , 5 Hundredths          | <input type="text"/> | 55 tenths        |
| c. $\frac{3}{10} + \frac{3}{100}$ | <input type="text"/> | 0.33             |
| d. $5\frac{1}{11}$                | <input type="text"/> | $2\frac{21}{36}$ |

**6. Samir painted  $\frac{5}{11}$  of a wall with blue. What is remainder of the wall to be painted ?****7. Calculate.**

- |                            |                            |
|----------------------------|----------------------------|
| a. $3,240 - 1,651 =$ _____ | b. $3 \times 472 =$ _____  |
| c. $725 \div 9 =$ _____    | d. $7,431 + 5,132 =$ _____ |

8. Arrange each of the following from least to greatest.

a.  $\frac{5}{10}$  ,  $\frac{1}{6}$  ,  $\frac{8}{9}$

b.  $\frac{11}{12}$  ,  $\frac{1}{9}$  ,  $\frac{2}{4}$

9. Use the following data to make a line plot , then answer the questions.

11 kg ,  $12\frac{1}{4}$  kg ,  $11\frac{3}{4}$  kg ,  $11\frac{1}{2}$  kg , 12 kg ,  $11\frac{1}{2}$  kg ,  $11\frac{1}{4}$  kg ,  $11\frac{1}{4}$  kg ,  $11\frac{1}{2}$  kg , 12 kg



a. What is the most common record ?

b. What is the least common record ?

## Model

10

## 1. Complete.

- a.  $26 \div 4 = \text{—————}$  R 2
- b.  $15 \div 3 + 4 + 1 = \text{—————}$
- c. The expanded form of two and fifty hundredths is —————
- d.  $\frac{9}{\text{—}} = 1$
- e.  $7.9 = \text{—————}$  tenths.
- f.  $\frac{2}{5} \times \frac{3}{3} = \text{—————}$

## 2. Put (✓) to the correct statement and (X) to the incorrect statement.

- a. The type of graph which is suitable for this data is a line plot.

1	3	2	5	1	4
3	2	4	1	3	1
2	1	3	4	1	5

( )

- b.  represents four tenths.

( )

- c.  $2 + 8 \div 2 = 5$

( )

- d. The number , not including the remainder , that results from dividing is called quotient.

( )

- e. Fractions that name the same amount are unit fractions.

( )

- f. The place value of the digits 5 in the number 37.56 is 0.5

( )

## 3. Choose the correct answer.

- a. In the number 21.45 , which digit is in the tenths place ?

A. 2

B. 1

C. 4

D. 5

- b.  $\frac{21}{5} = \text{—————}$  [as a mixed number]

A.  $5\frac{1}{4}$ B.  $4\frac{1}{5}$ C.  $2\frac{1}{5}$ D.  $\frac{5}{21}$ 

- c. Which of the following is not equivalent to  $1\frac{10}{100}$  ?

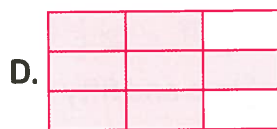
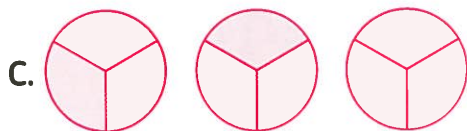
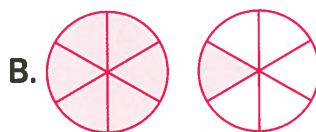
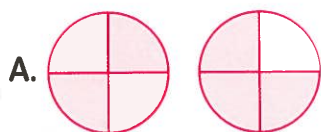
A. 1.1

B. 1.10

C. 1.01

D.  $1\frac{1}{10}$

d. The correct model which represents the improper fraction  $\frac{7}{6}$  is \_\_\_\_\_



e. Which of the following sentences is wrong ?

A.  $\frac{1}{3} > \frac{1}{4}$

B.  $\frac{1}{4} > \frac{1}{5}$

C.  $\frac{1}{5} < \frac{1}{6}$

D.  $\frac{1}{8} < \frac{1}{7}$

f. Which of the following can not be represented by a line plot ?

A. The number of family members.

B. Distance between home and school.

C. Our shoe sizes.

D. Our favorite activity in our spare time.

4. Compare, write ( $<$ ,  $=$  or  $>$ ).

a.  $\frac{5}{7}$

$\frac{5}{11}$

b.  $3 + 3 \times 3 - 3$

$5 + 3 \times 3 - 5$

c.  $7 \times \frac{1}{10}$

$\frac{7}{70}$

d.  $3 + 0.2 + 0.01$

$3 + 0.1 + 0.02$

5. Join.

a.  $2\frac{1}{5} + 1\frac{4}{5}$

b.  $1 - \frac{3}{5}$

c.  $\frac{2}{10} + \frac{2}{100}$

d.  $3 \times \frac{1}{5}$

1.  $\frac{3}{5}$

2.  $\frac{22}{100}$

3. 4

4.  $\frac{2}{5}$

6. Find the Area of a rectangle with 15 m. long and 11 m. wide.

7. Pola was training for the race ,on Monday he ran for  $\frac{7}{10}$  km. ,on Tuesday he ran for  $\frac{25}{100}$  km.

What is the total distance did he run in all ?

8. Use place value chart to compare :

a. 0.80 \_\_\_\_\_ 0.09

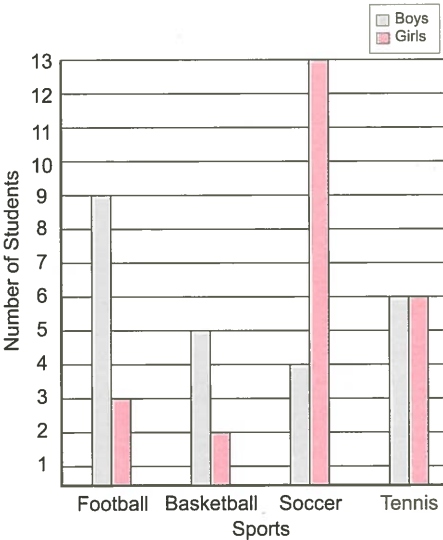
Ones	decimal point	Tenths	Hundredths
—	.	—	—
—	.	—	—

b. 0.10 \_\_\_\_\_ 0.1

Ones	decimal point	Tenths	Hundredths
—	.	—	—
—	.	—	—

9. Ahmed took a survey of his classmates to find their favorite sports. He recorded the data in a double bar graph. Use Ahmed’s data to complete the table.

Favorite sports		
Sport	Boys	Girls
Football		
Basketball		
Soccer		
Tennis		



Use the graph to answer the questions.

- a. How many more boys than girls chose basketball ?
- b. How many students liked football the most ?
- c. For which sport is there the greatest difference between boys and girls ?
- d. Which is the least popular sport ?



# Mathematics



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